

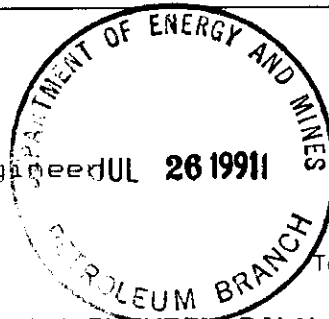


Memorandum

Date July 22, 1991

To John Fox
Chief Petroleum Engineer
Petroleum

From Bruce Dunning
Senior Petroleum
Inspector



Telephone

Subject

~~AGRICULTURAL IMPACT OF CHEVRON DALY UNIT #3 REDUCED
ACREAGE SITES~~

I talked with Bill Haskett this morning. He stated that he had already inspected the proposed sites with Glenn Ross (Chevron Environmental Tech.) and the surveyor, and had made all changes necessary to accommodate his farming practices.

He stated that he had neither the time or the desire to review these sites in conjunction with our impact assessment.

He reiterated that he is totally satisfied with the site and access road locations and said there is no need for our involvement.

Based on this and the results of the last assessment done on this land (1987), I recommend we accept the landowner's decisions and not require further agricultural impact study.

*Daly Unit No. 3
Sha Well Location
Reviews.*

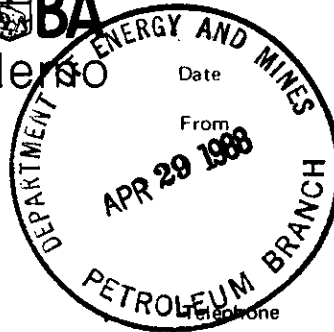
Bruce Dunning

BD/cg

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MANIT^{BA}

Inter-Departmental Memo



April 27/88

To .

Bob Dubreuil
 Cheif Petroleum Eng.
 Petroleum Div.

Keith Lowdon
 Petroleum Insp.
 Petroleum Div.

Subject

Chevron 15D-27-9-28

First | Fold

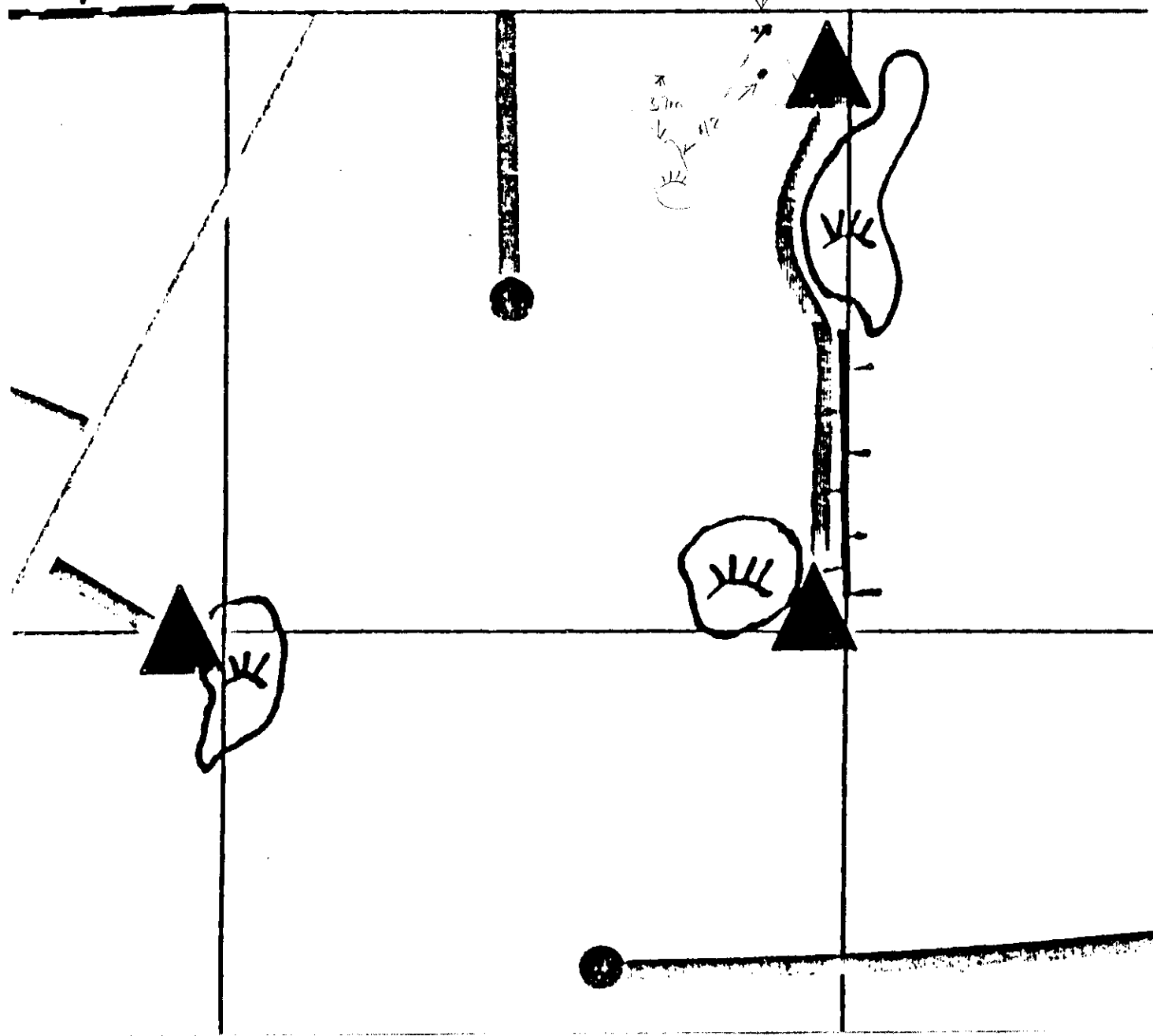
On April 26/88 Ian McGregor and I inspected the 15D site to determine what disruption it would cause to agricultural activities. Upon arrival at the site we determined that the location was not as proposed in the "Berrien Report". The well had been offset to the west and appeared to be the high spot between two sloughs. We felt that if the well was moved closer to the east slough that there would be less impact upon the arable land. Future road development to 15A (if drilled) could skirt the slough and not affect as much land.

On April 27/88 I met with the landowner Mr. Walter Kool. Mr. Kool stated that he preferred the wellsite to remain in it's surveyed location. He felt that this would allow him the most efficient use of his equipment and land. He stated that if the 15A site was ever drilled he probably wouldn't want the road to be from the 15D site so that the proposed road location for the 15D well was not an issue.

I do not think that this wellsite is in its best possible location but will concur with the wishes of the landowner.

KL/cg

APPROXIMATE SURVEYED
LOCATION - - -



REVIEW OF PROPOSED INFILL LOCATION

PART A Proposal Submitted to Wpg.

Date Rec'd: APRIL 20 / 1988

1. Location: 150-27-9-28 Unit: 4
2. Type of Facility: WATER INJECTION WELL
3. Is location as proposed in Berrien Report? Yes No X
(attach copy of section map)

4a. If NO, describe variations from Berrien Report.

THE WELLSITE HAS BEEN OFFSET TO THE WEST OF
THE LOCATION SUGGESTED IN THE BERRIEN REPORT.

b. What is the justification for these variations?

PROXIMITY OF OIL & SALT WATER PIPELINE & SLOUGH

PART B Site Inspection

5. Landowner: WALTER KOOL Ph. No. 556-2374
- Address: BOX 25
CROMER RDM 050
6. Department Representative: KEITH LOWDON
7. Date and Time of Joint Field Inspection: APRIL 27 / 88

8. General Description of facility site and immediate area.

HUMMOCKY GLACIAL LANDSCAPE. SURVEYED WELL SITE IS
ON A HIGHER POINT BETWEEN TWO SLOUGHS (45 m TO
EAST SLOUGH; 42 METRES TO WEST SLOUGH

9. Is Landowner in agreement with location of proposed facility?

a) Yes ☒ Comments LANDOWNER STATED SURVEYED LOCATION
WILL ALLOW HIM TO WORK AROUND PROPOSED WELLSITE

b) No ☐ Comments and Reasons for Disagreement _____

- c) List specific items discussed during inspection.

Item	Comments
<u>LOCATION</u>	<u>IN LOCATION PREFERRED BY LANDOWNER</u>
<u>ROAD</u>	<u>LANDOWNER NOT CONCERNED OVER SITE</u>
	<u>LOCATION AS ROADS ARE TO BE TRAILS</u>

- d) Are the Landowner's reasons for not agreeing to the proposed locations valid in your opinion? Explain. _____

10. Can the facility be relocated to allay the Landowners concerns and reduce impact on agricultural operations?

a) Yes _____ How? (to where?) NO CONCERNS BY LANDOWNER

b) No _____ Why? _____

11. Would possible relocation of facility require directional drilling or other special operations?

a) Yes _____ Explain _____

b) No _____

12. Based on your review of the site and your discussions with the Landowner, would you recommend

✓ SEE ATTACHMENT

a) Approval of the proposed facility location ✓ Strongly? _____

b) Chevron be informed proposed facility site will not be approved _____
Strongly? _____

13a. Signed by Kedn Peron
Department Representative

Date

April 27/88

b. Signed by

Walter A. Koz
Landowner

Date

April 27/88

PART C Winnipeg Office

14. Chevron notified on April 29, 1988,

by Bob Dubreuil (verbally) that

- ✓ a) proposed facility location is acceptable, or
b) proposed facility location is unsatisfactory and Chevron is requested
to consider the following suggestion

15. If Chevron agrees to revised location a joint inspection (Chevron, Landowner and Department Representative) is undertaken to confirm all parties agreement) _____ (date).

16a. Chevron re-submits to Executive Director on _____, 19 ____ a new location proposal and steps 1 to 4 are repeated.

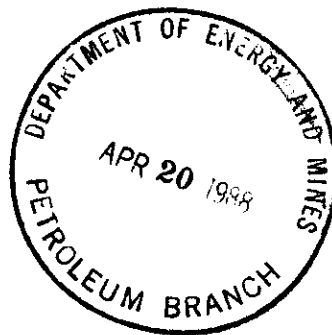
b. Chevron, on _____, 19 ____ declines to relocate proposed facility and Executive Director on _____, 19 ____ informs Chevron that

____ proposed location will be accepted by Department, or

____ proposed location is not acceptable to Department and will not be approved.



Chevron Canada Resources Limited



P.O. Box 100
Virden, Manitoba
R0M 2C0

1988-04-14

Department of Energy and Mines
Petroleum Branch
555 - 330 Graham Avenue
WINNIPEG, Manitoba
R3C 4E3

ATTENTION: Mr. H. C. Moster, P. Eng.
Director, Petroleum Branch

Dear Sir:

RE: Daly Unit No. 4 Pressure Maintenance
15D-27-9-28 WPM - Proposed Water
Injection Infill Drilling Location

In compliance with the subject Manitoba Oil and Natural Gas Conservation Board approval dated 1987-01-16, and in particular Condition (3), Chevron Canada Resources hereby requests wellsite location approval for the 15D location in the NE $\frac{1}{4}$ of Section 27-9-28 WPM.

Chevron submits the following information in support of this request:

1. A legal survey plan for the proposed location (attached). The wellsite boundary was verbally agreed to by the landowner, Mr. Walter Kool during surveying, 1988-04-11. There is no access road for this well as the north wellsite boundary extends to the east-west government road allowance.
2. A map of Section 27-9-28 WPM from "The Berrien Report". The proposed target selection is similar to that of the report as it is located west of the slough, with the SE wellsite boundary taking in a portion of the slough to take advantage of this existing obstacle and minimize the impact on agricultural operations.

. . . /Page Two




Department of Energy and Mines
Petroleum Branch
Attn: Mr. H. C. Moster, P. Eng.
1988-04-14
Page two

3. The well centre has also been specifically located to adhere to the following Petroleum Branch regulations;
 - (a) 50m minimum distance from the well to the municipal road allowance
 - (b) 75m minimum distance from the well to Norcen's transmission oil pipeline (Plan No. 1373 BLTO on survey plan)
4. Since this well will be used for water injection, electrical power will not be required.
5. Upon commencement of water injection into 15D-27, full agricultural operations can be performed on the wellsite, as only a fiberglass injection building and a non built-up (on-site) trail into the well will exist.

Your earliest attention to this request would be appreciated.

If additional information is required regarding this submission, please contact Mr. J. Cooke at 748-1334 or at the letterhead address.

Yours truly,


for L. A. Martinson, P. Eng.
Area Superintendent
Virden

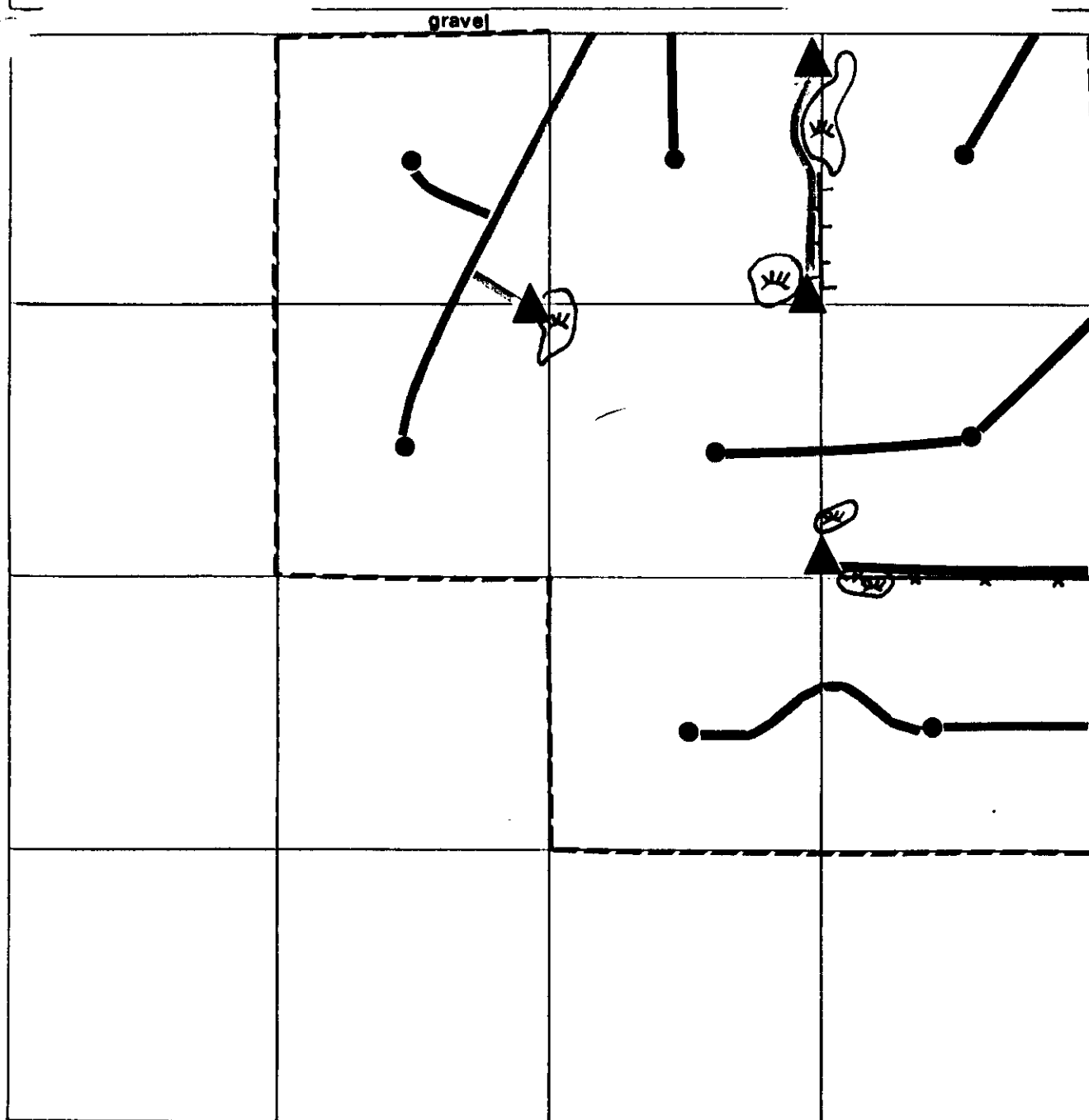
JC/tjs
Encls.

Scale 1: 5000



Total 1.000 ha., 2.47 acres

JOB No. 88-082 A



LEGEND

Section 27 Township 9 Range 28 WPM

- | | |
|---------------------|----------------------------|
| ● Existing well | |
| ▲ New well | |
| — Existing road | ☹ Slough area |
| — New road | ┌─┐ Field/crop delineation |
| — Existing trail | *** Fence |
| — New trail | |
| - - - Unit boundary | |



REVIEW OF PROPOSED INFILL LOCATION

PART A Proposal Submitted to Wpg.

Date Rec'd: APRIL 20, 1988

1. Location: 15 D - 27 - 9 - 28 Unit: 4

2. Type of Facility: WATER INJECTION WELL

3. Is location as proposed in Berrien Report? Yes ☒ No ☐
(attach copy of section map)

4a. If NO, describe variations from Berrien Report.

b. What is the justification for these variations?

PART B Site Inspection

5. Landowner: WALTER KOOL Ph. No. _____

Address: _____

8. General Description of facility site and immediate area.

9. Is Landowner in agreement with location of proposed facility?

a) Yes _____ Comments _____

b) No _____ Comments and Reasons for Disagreement _____

c) List specific items discussed during inspection.

Item	Comments
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

d) Are the Landowner's reasons for not agreeing to the proposed locations valid in your opinion? Explain. _____

10. Can the facility be relocated to allay the Landowners concerns and reduce impact on agricultural operations?

a) Yes ____ How? (to where?) _____

b) No ____ Why? _____

11. Would possible relocation of facility require directional drilling or other special operations?

a) Yes ____ Explain _____

b) No ____

12. Based on your review of the site and your discussions with the Landowner, would you recommend

a) Approval of the proposed facility location _____ Strongly? _____

b) Chevron be informed proposed facility site will not be approved _____
Strongly? _____

13a. Signed by _____
Department Representative Date

b. Signed by _____
Landowner Date

PART C Winnipeg Office

14. Chevron notified on _____, 19____,

by _____ that

a) proposed facility location is acceptable, or

b) proposed facility location is unsatisfactory and Chevron is requested
to consider the following suggestion

15. If Chevron agrees to revised location a joint inspection (Chevron,
Landowner and Department Representative) is undertaken to confirm all
parties agreement) _____(date).

16a. Chevron re-submits to Executive Director on _____, 19 ____ a
new location proposal and steps 1 to 4 are repeated.

b. Chevron, on _____, 19 ____ declines to relocate proposed
facility and Executive Director on _____, 19 ____ informs
Chevron that

_____ proposed location will be accepted by Department, or

_____ proposed location is not acceptable to Department and will not be
approved.

LAND OWNER CONTACT Report 1987-02-19
TO ADDRESS POINTS IN 1987-02-19 LETTER FROM PETALUMA BRANCH

1. A Well SD is 10 FT or 3m off Target movement of 80m EAST.
will place it out of THE ZONE

B. LANDOWNERS would RATHER have compensation of well
based on cult. land rather than pasture land. as they
feel it is economically to their advantage.

2. A landowner feels a break on high land will
flood more area and flow to the low land
only.

C. Chevron's disadvantage of lease 50m North is
that the terrain is side hill recently built
up land and sloping over into a larger area.

3. A If landowner wishes then Chevron will
remove road. At present the built up road
helps drainage. Previous to the built up road
the area was a series of small slows.

3 B. Actual Road is in L.S.D. 6. but the
pasture route is a creek area & drain area
and owners concerned about one other gate
involved.

3 C. Proposal as stated eliminates a 249 FT trail
across ~~the~~ cultivated land to be replaced by
a 1156 FT trail along fence line. Basically
taking 4.6 times as much cultivated land out
of production.

Wm. B. Harkett

Gaz. Harkett

Richard Brown

3 d). This is not a problem and will be the only access to 6-12 when ~~the~~ and if the landowners decided to have the road between 6-12 and 3-12 removed.

Landowner and occupant are satisfied that the routes as they've chosen and agreed to with Chevron are the routes they'd like to see implemented

Richard Brown ~~Shirley Heston~~

Wm. B. Harkett



Energy and Mines

Petroleum

555 — 330 Graham Avenue
Winnipeg, Manitoba, CANADA
R3C 4E3

(204) 945-6577

February 19, 1987

Chevron Canada Resources Limited
Box 100
VIRDEN, Manitoba ROM 2C0

Attention: Mr. K.G. Matieshin, P. Eng.
Area Superintendent

RE: Reduced Spacing Locations - Daly Unit No. 3
5A-12-10-28 (WPM)
5D-12-10-28 (WPM)
6A-12-10-28 (WPM)
6D-12-10-28 (WPM)

Dear Kevin:

The subject proposed well locations were inspected by representatives of the Petroleum Division on February 17, 1987. Subsequent to this inspection, the proposed facilities were discussed with the landowner, Mr. G. Haskett.

Based on the inspection and on consultation with the landowner, you are hereby authorized to apply for drilling licences for the subject locations.

However, in keeping with the intent of the Board's decision and as a result of inspection of the proposed well sites and access roads, we suggest that the impact of the additional well sites could be reduced significantly by the following modifications:

1. Location 5D-12-10-28 (WPM)
Relocation of this well site to a point 40 m east of the centre of the spacing unit (as opposed to 40 m west) would remove the well from cropped land and into pasture land.
2. Location 5A-12-10-28 (WPM)
Relocation of the wellsite 50 m north would shorten the access road and move the well from the centre of a small ravine where environmental damage would be more severe in the event of an oil or salt water spill.

cont'd...

3. Lease roads

Impact of industry operations on agriculture operations could be significantly reduced by the following modifications of proposed lease roads:

- a) Removal of the built-up road between the 3-12 and 6-12 wells.
- b) Access to the 5A-12 and 5D-12 wells via a new trail from the existing trail between the 6-12 and 11-12 wells, west along the north boundary of Lsd. 6 and south along the west boundary of Lsd. 6.
- c) Access to the 6A-12 and 6D-12 wells via a trail from the south along the east boundary of Lsds. 3 and 6.
- d) Access to the 6-12 wellsite via the existing trail between the 11-12 and 6-12 wells.

The above suggested modifications to access roads are illustrated on Fig. No. 1.

Prior to submitting applications for well licences, you are requested to discuss these suggested modifications with the landowner. Your application for well licences should include a report on such discussions.

You are also requested to confirm your commitment to replacement of overhead hydro lines to the 3-12 and 6-12 wells with underground hydro.

Yours sincerely,

Original Signed by H. C. Moster

H. Clare Moster, P. Eng.
Executive Director
Petroleum Division

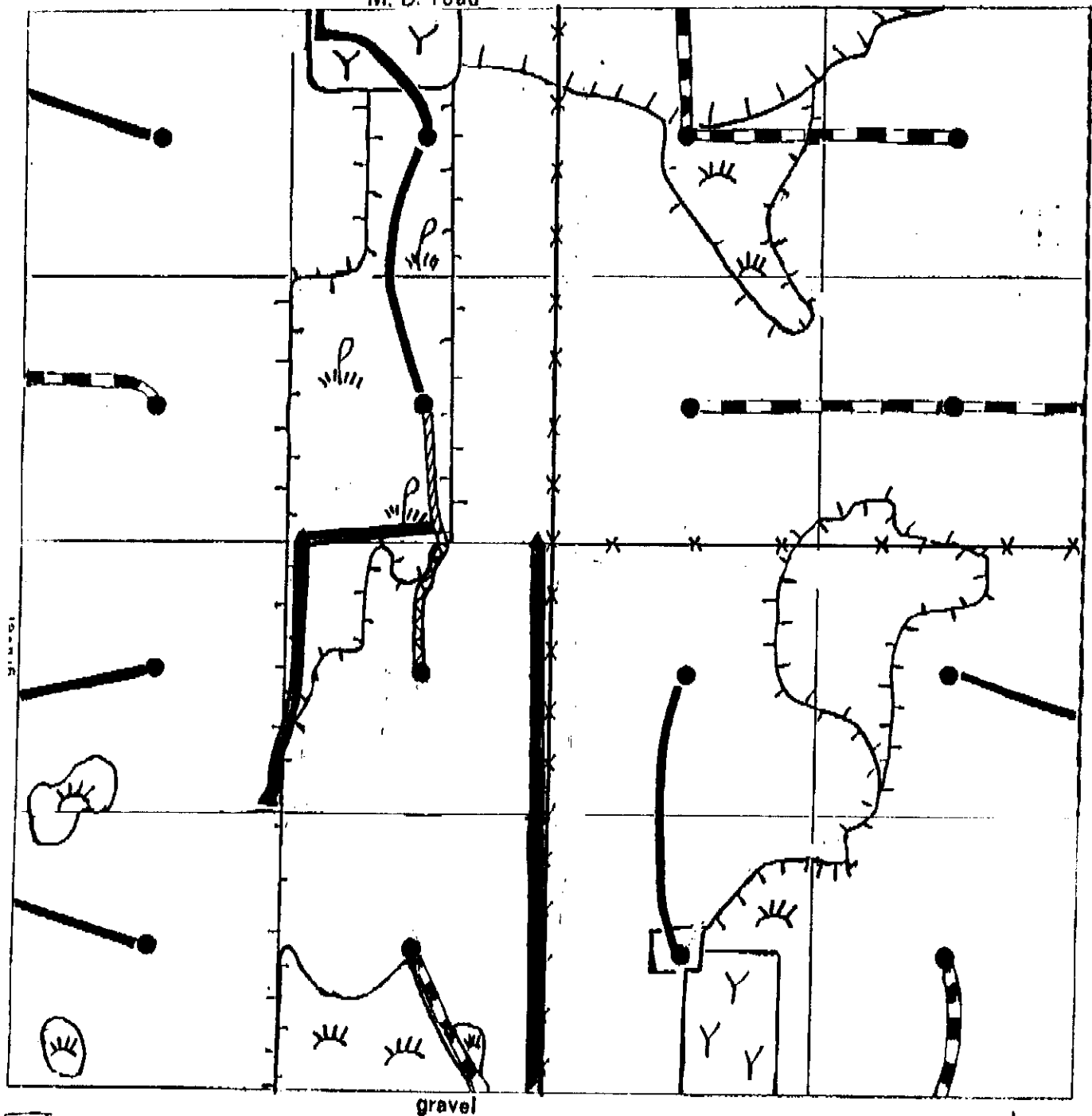
encl

cc: G. Haskett

bc: Virden Office

FIG NO.1

DEPARTMENT'S Prop 259
M. D. road

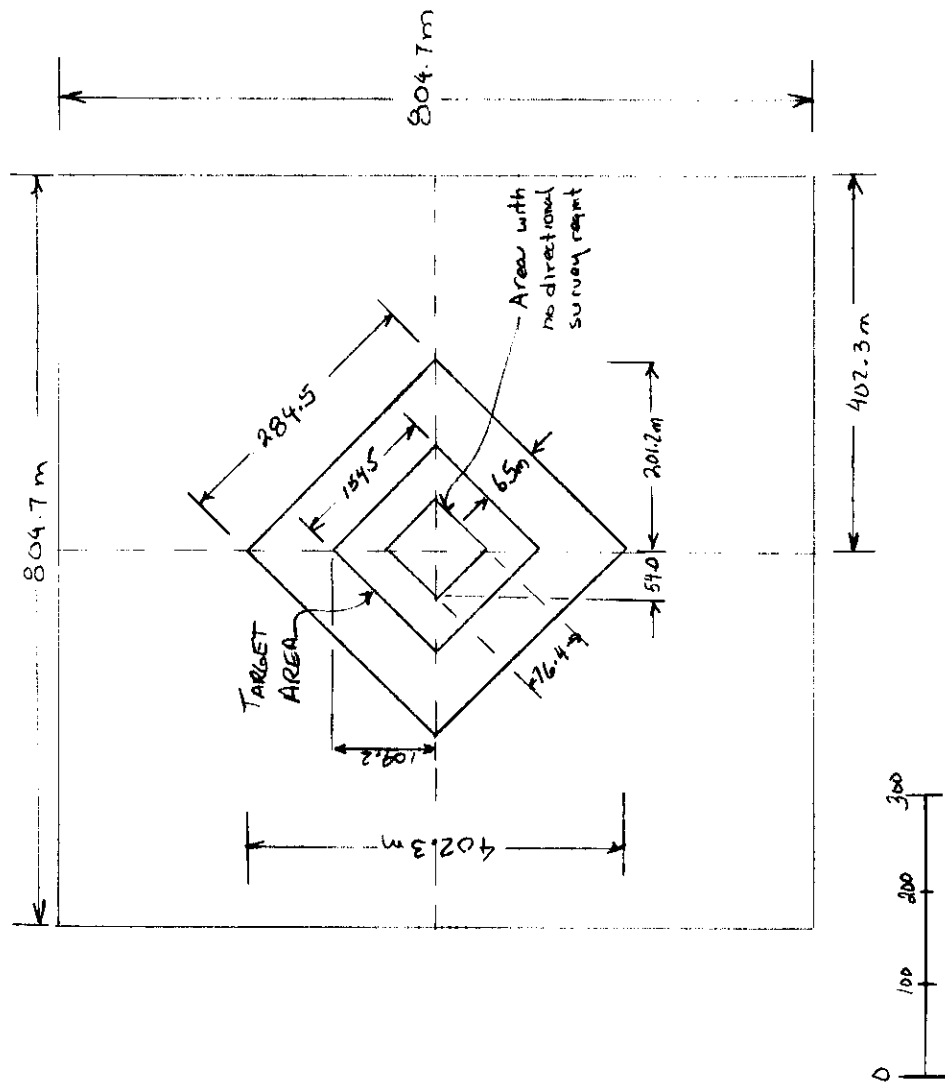


LEGEND

Section 12 Township 10 Range 28 WPM

- | | |
|--------------------------------|----------------------------|
| ● Existing well | Depressional area |
| ▲ New well | Pasture |
| --- Existing road | Slough area |
| — New road | -X-X-X- Fence |
| --- Existing trail (leased) | Y Yard |
| --- Existing Trail (Landowner) | --- Field/crop delineation |
| --- New trail | |
| — Unit boundary | |







Memorandum

Date : Febraury 19, 1987

To : FILE

From : L.R. Dubreuil

Subject : DALY INFILL LOCATIONS
Section 12-10-28 (WPM)

Telephone :

Received call February 18, 1987 from Bill Haskett, the occupant of the SW $\frac{1}{4}$ -12-10-28 (also the landowner's son). Haskett had the following comments regarding Chevron's proposal and Bruce's suggested changes.

1. Access road (built up) between 3-12 and 6-12. Haskett wanted to see this road left in because the rentals derived from it exceed potential additional agricultural revenue.
2. Location 5D-12. Haskett wanted this location left to the west of the fence line because Chevron will pay \$400/year more in rentals for a well on cropped land than in pasture.
3. Haskett wanted the locations resolved quickly and the wells drilled before break up to minimize land damage.
4. Location 5A-12. Haskett would prefer the well not be moved out of the shallow ravine because in wet years, this area cannot be worked.

L.R. Dubreuil

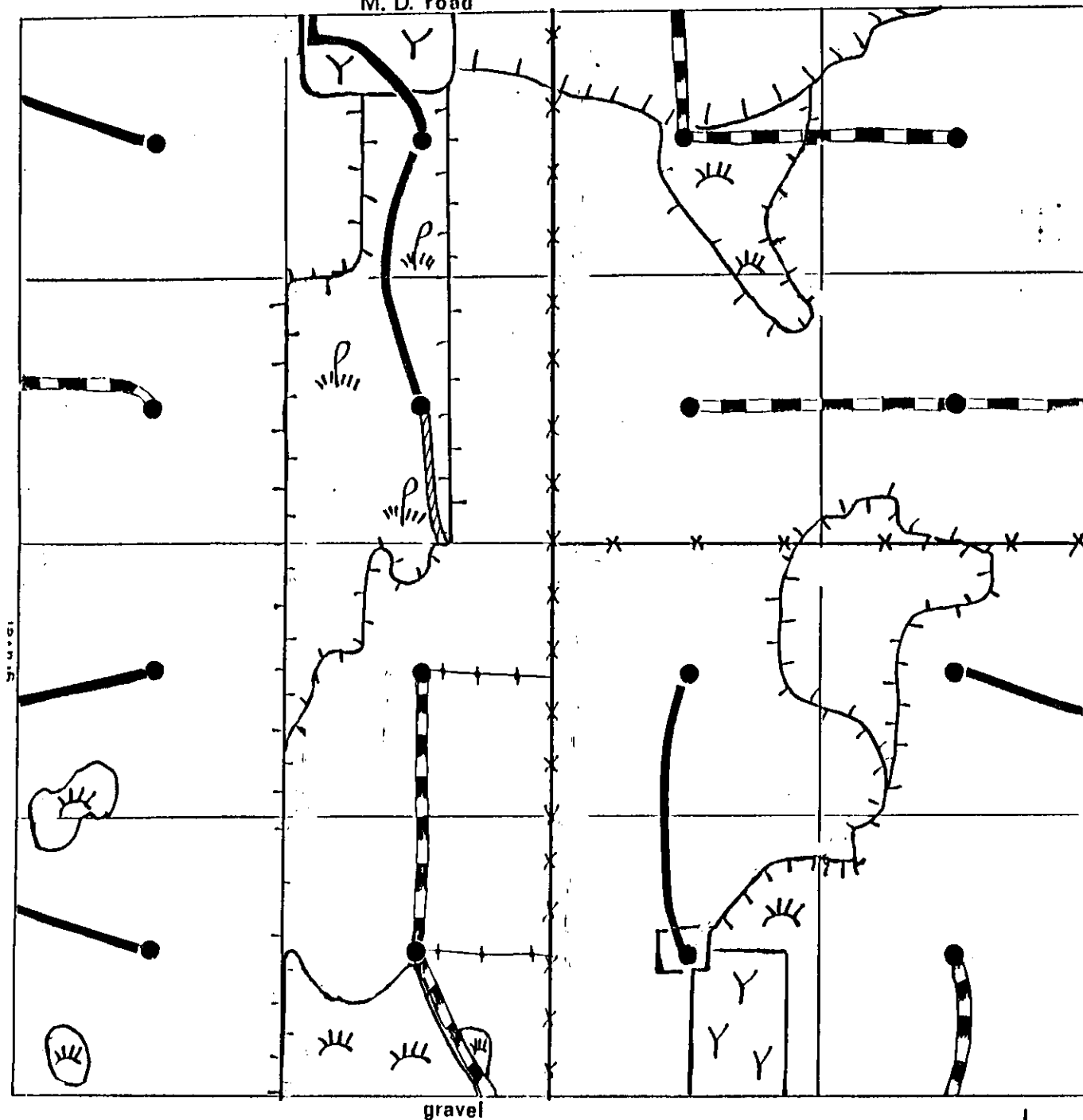
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ATTACHMENT - Proposed Infill Location Forms

- 5D-12-10-28: We recommend offsetting this well 40m east of the spacing centre as opposed to Chevron's proposal of offsetting it 40m west. This would place the well on pasture land instead of crop land. Access to this well would be as proposed by Chevron.
- 5A-12-10-28: We recommend this well be offset \sim 50m north of the spacing centre in order to shorten the access road and raise the well head out of the centre of a natural runway. As there is cultivated land on all sides the location of this well is not a high priority. Access to this well should be from inside the pasture land for as much as possible.
- 6D-12-10-28: Chevron's proposed location of this well is acceptable. Access to this well should be from the south following the hydro lines and 1/2 mile fence line.
- 6A-12-10-28: As per 6D-12-10-28.
- Other:
- Existing road from 3-12 to 6-12 should be removed. Access to 6-12 should be via 11-12. This would require leasing of an existing trail from 11-12 to a gate at the cultivated field north of 6-12, and leasing of crop land south to six.
 - Above ground hydro lines into 6-12 to 3-12 should be buried.
- General:
- Chevron's proposal for the well locations are acceptable excluding 5D.
 - Chevron's proposed access to these wells is unacceptable from an agricultural point of view.
 - The present landowner, Mr. Gerald Haskett, has no concerns with Chevron's proposed location of facilities. He also has no concerns with our proposed changes.

If our recommendations are not given thorough consideration, due to the fact that the landowner agrees with Chevron's proposal, then the only time we should be inspecting a site is if the landowner and Chevron cannot reach an agreement.

Existing Facilities
M. D. road



LEGEND

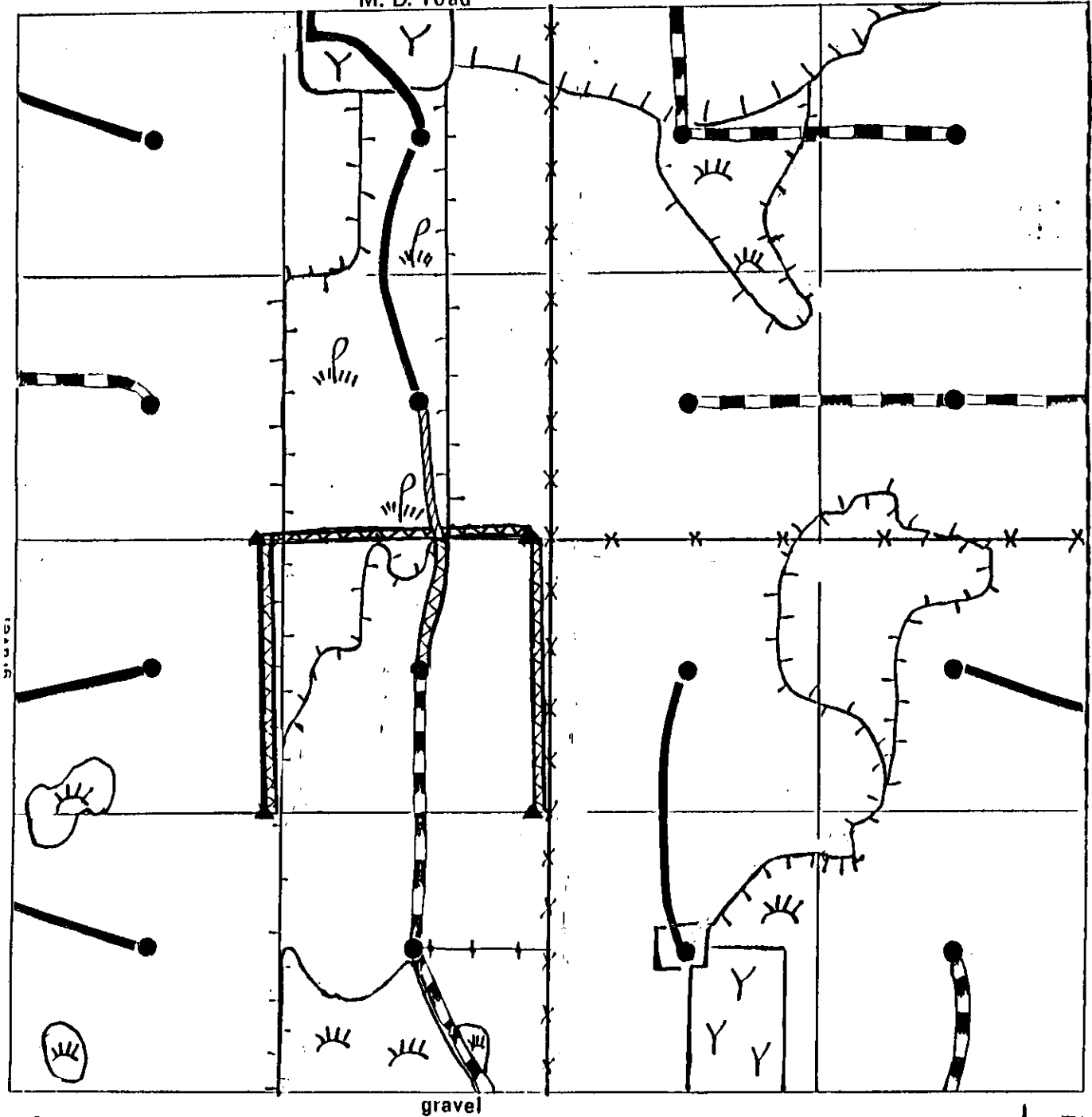
Section 12 Township 10 Range 28 WPM

- | | |
|--------------------------------|--------------------------|
| ● Existing well | Depressional area |
| ▲ New well | Pasture |
| --- Existing road | Slough area |
| — New road | XXX Fence |
| — Existing trail (Leased) | Y Yard |
| --- Existing trail (Landowner) | — Field/crop delineation |
| — New trail | |
| ... Unit boundary | |
| ++ Hydro | |



Chevron Proposal

M. D. road



LEGEND

Section 12 Township 10 Range 28 WPM

- | | |
|------------------------------|--------------------------|
| ● Existing well | ▤ Depressional area |
| ▲ New well | ⋈ Pasture |
| ▤ Existing road | ⋈ Slough area |
| — New road | X X X Fence |
| ▤ Existing trail (Leased) | Y Yard |
| ▤ Existing Trail (Landowner) | L Field/crop delineation |
| ▤ New trail | |
| — Unit boundary | |
| ⋈ Hydro | |



REVIEW OF PROPOSED INFILL LOCATION

PART A Proposal Submitted to Wpg. Date Rec'd: Feb. 10, 1987

1. Location: 5A-12-10-28 Unit: Daly Unit #3

2. Type of Facility: Well and access road.

3. Is location as proposed in Berrien Report? Yes No X
(attach copy of section map)

4a. If NO, describe variations from Berrien Report.

Wellsite is west of the east boundary of LSD 5 instead of east of west
boundary of LSD 6. Access road goes straight. Trail will be used
instead of built up road.

b. What is the justification for these variations?

Well and access road are along fence line and would result in less
impact than as in the Berrien Report.

PART B Site Inspection

5. Landowner: Gerald Haskett Ph. No. 556-2669

Address: NW-12-10-28
Virden, MB ROM 2C0

6. Department Representative: B. Dunning & E. K. Lowdon

7. Date and Time of ~~Joint Field~~ ^{XXXXXXFYXIX} Inspection: Feb. 17, 1987 - 11:00 am

*Landowner had already viewed site and waived viewing with inspectors.
Discussion took place after inspection by Division Representatives.

8. General Description of facility site and immediate area.

Cultivated land, depressional area 20m west of natural water runway.

9. Is Landowner in agreement with location of proposed facility?

a) Yes X Comments Has no concern as to location of facility.

b) No Comments and Reasons for Disagreement

N/A

c) List specific items discussed during inspection.

Item	Comments
<u>Location</u>	<u>Agrees with Chevron's and our proposals.</u>
<u>Access</u>	<u>Agrees with Chevron's and our proposals.</u>
<u>Hydro</u>	<u>Landowner said Chevron promised to bury hydro to</u>
<u> </u>	<u>3 & 6-12-10-28 wells.</u>
<u> </u>	<u> </u>

d) Are the Landowner's reasons for not agreeing to the proposed locations valid in your opinion? Explain. N/A

10. Can the facility be relocated to allay the Landowners concerns and reduce impact on agricultural operations?

a) Yes _____ How? (to where?) N/A

b) No _____ Why? N/A

11. Would possible relocation of facility require directional drilling or other special operations?

a) Yes _____ Explain _____

b) No X

12. Based on your review of the site and your discussions with the Landowner, would you recommend

a) Approval of the proposed facility location No Strongly? _____

b) Chevron be informed proposed facility site will not be approved Yes
Strongly? _____

Please see attached.

13a. Signed by B. Dunning Feb 18, 1987
Department Representative Date

b. Signed by Gerald Haskett Feb. 17, 1987
Landowner Date

PART C Winnipeg Office

14. Chevron notified on Feb 18, 1987,

by letter that

a) proposed facility location is acceptable, or *see below*

b) proposed facility location is unsatisfactory and Chevron is requested
to consider the following suggestion

Suggested modifications to minimize impact provided
for Chevron and landowner review

15. If Chevron agrees to revised location a joint inspection (Chevron,
Landowner and Department Representative) is undertaken to confirm all
parties agreement) _____(date).

16a. Chevron re-submits to Executive Director on _____, 19 ____ a
new location proposal and steps 1 to 4 are repeated.

b. Chevron, on _____, 19 ____ declines to relocate proposed
facility and Executive Director on _____, 19 ____ informs
Chevron that

____ proposed location will be accepted by Department, or

____ proposed location is not acceptable to Department and will not be
approved.

REVIEW OF PROPOSED INFILL LOCATION

PART A Proposal Submitted to Wpg. Date Rec'd: Feb. 10, 1987

1. Location: 5D-12-10-28 Unit: Daly Unit #3

2. Type of Facility: Well and access road

3. Is location as proposed in Berrien Report? Yes No X
(attach copy of section map)

4a. If NO, describe variations from Berrien Report.

West of east boundary of LSD 5 instead of east of west boundary of LSD 6.

Access road from east via lease road north from 6-12-10-28 (through
pasture). Not shown in Berrien Report.

b. What is the justification for these variations?

Well is adjacent to fence line and will minimize agricultural impact.

Road east of wellsite is through pasture. Trails to be used.

PART B Site Inspection

5. Landowner: Gerald Haskett Ph. No. 556-2669

Address: NW-12-10-28

Virden, MB ROM 2C0

6. Department Representative: B. Dunning and E. K. Lowdon

7. Date and Time of ~~XXXXXX~~*Inspection: Feb. 17, 1987 - 10:30 am

*Landowner had already viewed site and waived viewing with inspectors.
Discussion took place after inspection by Division Representatives.

8. General Description of facility site and immediate area.

Cultivated land, slight depressional area 40m west of pasture
fence line.

9. Is Landowner in agreement with location of proposed facility?

a) Yes X Comments Has no concern as to location of facility.

b) No _____ Comments and Reasons for Disagreement _____
N/A

c) List specific items discussed during inspection.

Item	Comments
Location	Agrees with Chevron's and our proposals.
Access	Agrees with Chevron's and our proposals.
Hydro	Landowner said Chevron promised to bury hydro to 3 & 6-12-10-28 wells.

d) Are the Landowner's reasons for not agreeing to the proposed locations
valid in your opinion? Explain. N/A

10. Can the facility be relocated to allay the Landowners concerns and reduce impact on agricultural operations?

a) Yes _____ How? (to where?) N/A

b) No _____ Why? N/A

11. Would possible relocation of facility require directional drilling or other special operations?

a) Yes _____ Explain _____

b) No X

12. Based on your review of the site and your discussions with the Landowner, would you recommend

a) Approval of the proposed facility location No Strongly? _____

b) Chevron be informed proposed facility site will not be approved Yes
Strongly? _____

Please see attached.

13a. Signed by B. D. [Signature] Feb 18, 1987
Department Representative Date

b. Signed by [Signature] Feb. 17, 1987
Landowner Date

PART C Winnipeg Office

14. Chevron notified on Feb 18, 1987,

by letter that

a) proposed facility location is acceptable, or ☒ (see below)

b) proposed facility location is unsatisfactory and Chevron is requested

to consider the following suggestion

Suggested modifications to minimize impact
provided for Chevron and Landowner review

15. If Chevron agrees to revised location a joint inspection (Chevron, Landowner and Department Representative) is undertaken to confirm all parties agreement) _____ (date).

16a. Chevron re-submits to Executive Director on _____, 19 ____ a new location proposal and steps 1 to 4 are repeated.

b. Chevron, on _____, 19 ____ declines to relocate proposed facility and Executive Director on _____, 19 ____ informs Chevron that

_____ proposed location will be accepted by Department, or

_____ proposed location is not acceptable to Department and will not be approved.

REVIEW OF PROPOSED INFILL LOCATION

PART A Proposal Submitted to Wpg. Date Rec'd: Feb. 19, 1987

1. Location: 6A-12-10-28 Unit: Daly Unit #3

2. Type of Facility: Wellsite and access road

3. Is location as proposed in Berrien Report? Yes No X
(attach copy of section map)

4a. If NO, describe variations from Berrien Report.

Well is west of fence line between LSD 6 & 7. Access is from the
north along fence line. Trails used instead of built up roads.

b. What is the justification for these variations?

Eliminate having to deal with two landowners with no increased impact.

PART B Site Inspection

5. Landowner: Gerald Haskett Ph. No. 556-2669

Address: NW-12-10-28
Virden, MB ROM 2C0

6. Department Representative: B. Dunning & E. K. Lowdon

7. Date and Time of ~~Joint Field~~ *Inspection: Feb. 17, 1987 - 10:45 am

*Landowner had already viewed site and waived viewing with inspectors.
Discussion took place after inspection by Division Representatives.

8. General Description of facility site and immediate area.

Cultivated land, level, adjacent to hydro and property fence line.

9. Is Landowner in agreement with location of proposed facility?

a) Yes X Comments Has no concern as to location of facility.

b) No _____ Comments and Reasons for Disagreement _____

N/A

c) List specific items discussed during inspection.

Item	Comments
<u>Location</u>	<u>Agrees with Chevron's and our proposals.</u>
<u>Access</u>	<u>Agrees with Chevron's and our proposals.</u>
<u>Hydro</u>	<u>Landowner said Chevron promised to bury hydro to</u>
	<u>3 & 6-12-10-28 wells.</u>

d) Are the Landowner's reasons for not agreeing to the proposed locations valid in your opinion? Explain. N/A

10. Can the facility be relocated to allay the Landowners concerns and reduce impact on agricultural operations?

a) Yes _____ How? (to where?) N/A

b) No _____ Why? N/A

11. Would possible relocation of facility require directional drilling or other special operations?

a) Yes _____ Explain _____

b) No X

12. Based on your review of the site and your discussions with the Landowner, would you recommend

a) Approval of the proposed facility location No Strongly? _____

b) Chevron be informed proposed facility site will not be approved Yes
Strongly? _____

Please see attached.

13a. Signed by B. Dunning Feb 18, 1987
Department Representative Date

b. Signed by Frederick H. Harbott Feb. 17, 1987
Landowner Date

PART C Winnipeg Office

14. Chevron notified on Feb 18, 1987,

by letter that

a) proposed facility location is acceptable, or ☒ (see below)

b) proposed facility location is unsatisfactory and Chevron is requested to consider the following suggestion

Suggested modifications to minimize impact
provided for Chevron and landowner review.

15. If Chevron agrees to revised location a joint inspection (Chevron, Landowner and Department Representative) is undertaken to confirm all parties agreement) _____(date).

16a. Chevron re-submits to Executive Director on _____, 19 ____ a new location proposal and steps 1 to 4 are repeated.

b. Chevron, on _____, 19 ____ declines to relocate proposed facility and Executive Director on _____, 19 ____ informs Chevron that

____ proposed location will be accepted by Department, or

____ proposed location is not acceptable to Department and will not be approved.

REVIEW OF PROPOSED INFILL LOCATION

- PART A** Proposal Submitted to Wpg. Date Rec'd: Feb. 10, 1987
1. Location: 6D-12-10-28 Unit: Daly Unit #3
2. Type of Facility: Well and access road.
3. Is location as proposed in Berrien Report? Yes No X
(attach copy of section map)
- 4a. If NO, describe variations from Berrien Report.
Well is west of fence line between LSD 6 & 7. Access is across cropped
land to access road north of 6-12-10-28*. Trail used for access.
*Not shown in Berrien Report.
- b. What is the justification for these variations?
Eliminates having to deal with two landowners. If trail is used, no
appreciable impact. If built up road used, access should be from the
south along fence line (through 5A-12 wellsite).

PART B Site Inspection

5. Landowner: Gerald Haskett Ph. No. 556-2669
Address: NW-12-10-28
Virden, MB ROM 2C0
6. Department Representative: B. Dunning & E. K. Lowdon
7. Date and Time of ~~Joint Field~~ Inspection: Feb. 17, 1987 - 11:15 am

*Landowner had already viewed site and waived viewing with inspectors.
Discussion took place after inspection by Division Representatives.

8. General Description of facility site and immediate area.

Cultivated land, level, adjacent to hydro and property fence line.

9. Is Landowner in agreement with location of proposed facility?

a) Yes X Comments Has no concern as to location of facility.

b) No _____ Comments and Reasons for Disagreement _____

N/A

c) List specific items discussed during inspection.

Item	Comments
Location	Agrees with Chevron's and our proposals.
Access	Agrees with Chevron's and our proposals.
Hydro	Landowner said Chevron promised to bury hydro to 3 & 6-12-10-28 wells.

d) Are the Landowner's reasons for not agreeing to the proposed locations valid in your opinion? Explain. N/A

10. Can the facility be relocated to allay the Landowners concerns and reduce impact on agricultural operations?

a) Yes _____ How? (to where?) N/A

b) No _____ Why? N/A

11. Would possible relocation of facility require directional drilling or other special operations?

a) Yes _____ Explain _____

b) No X

12. Based on your review of the site and your discussions with the Landowner, would you recommend

a) Approval of the proposed facility location No Strongly? _____

b) Chevron be informed proposed facility site will not be approved Yes Strongly? _____

Please see attached.

13a. Signed by B. Dunning Feb 18, 1987
Department Representative Date

b. Signed by Ewald Harditt Feb. 17, 1987
Landowner Date

PART C Winnipeg Office

14. Chevron notified on Feb 18, 1987,

by letter that

a) proposed facility location is acceptable, or ☒ (see below)

b) proposed facility location is unsatisfactory and Chevron is requested to consider the following suggestion

Suggested changes to minimize impact provided for Chevron and Landowner review.

15. If Chevron agrees to revised location a joint inspection (Chevron, Landowner and Department Representative) is undertaken to confirm all parties agreement) _____ (date).

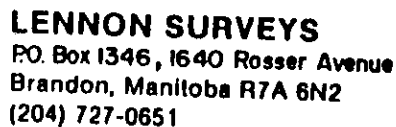
16a. Chevron re-submits to Executive Director on _____, 19 ____ a new location proposal and steps 1 to 4 are repeated.

b. Chevron, on _____, 19 ____ declines to relocate proposed facility and Executive Director on _____, 19 ____ informs Chevron that

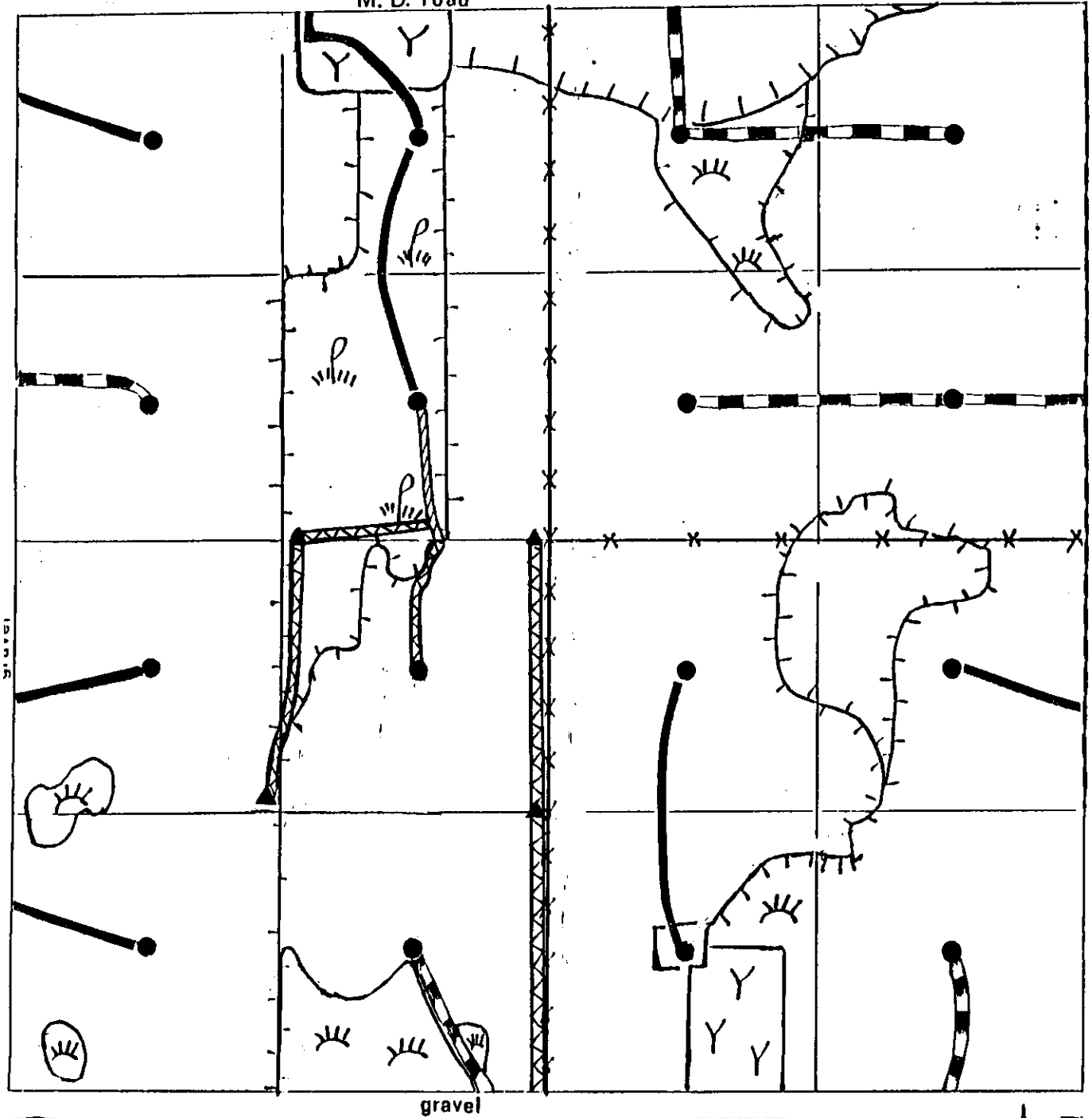
____ proposed location will be accepted by Department, or

____ proposed location is not acceptable to Department and will not be approved.

Scale 1: 5000

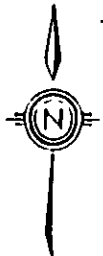


Our Proposal
M. D. road



LEGEND

Section 12 Township 10 Range 28 WPM



- Existing well
- ▲ New well
- Existing road
- New road
- Existing trail (Leased)
- Existing Trail (Landowner)
- New trail
- Unit boundary
- +++ Hydro
- Depressional area
- /// Pasture
- ☁ Slough area
- X-X-X Fence
- Y Yard
- Field/crop delineation

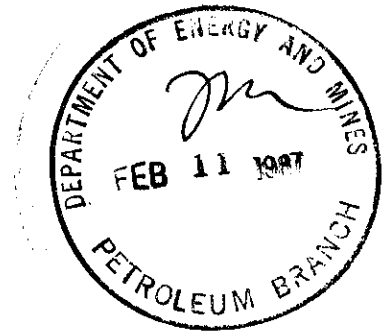


Chevron Canada Resources Limited

Box 100
Virden, Manitoba
R0M 2C0

1987-02-10

Dept. of Energy and Mines
Petroleum Branch
555-330 Graham Avenue
Winnipeg, Manitoba
R3C 4E3



Attention: Mr. H. C. Moster, P. Eng.
Director, Petroleum Branch

Dear Sir:

Re: Daly Unit No. 3 Reduced Well Spacing
Four (4) Proposed Infill Drilling Locations

In compliance with the subject Manitoba Oil and Natural Gas Conservation Board approval dated 1987-01-16, and in particular Condition (3), Chevron Canada Resources Ltd. hereby requests wellsite and road location approval for four (4) infill drilling locations in the SW1/4 of Section 12. The proposed locations are 5a, 5d, 6a and 6d-12-10-2B WPM.

Chevron submits the following information in support of this request;


- (1) Legal survey plats for the proposed locations (attached). The wellsite boundaries and lease roads were verbally agreed to by the landowner, Mr. Gerald Haskett during surveying.
- (2) A map of Section 12-10-2B WPM from "The Berrien Report". There are three major differences from the recommendations of the Berrien report as compared to the legal survey plans. They are as follows;
 - (i) Wells 6a and 6d are shown East of the East boundary of LSD 6 (N-S fenceline) on the Berrien report map. The surveyed locations are west of this boundary to utilize only one landowner for all four (4) proposed locations.

- (ii) Wells 5a and 5d are shown East of the West boundary of LSD 6 on the Berrien report map. It should be noted that a barbed wire fence is present along this boundary which is not shown. The well centres were located 40 m west of this fence to adhere to the required distances for drilling rig equipment and pits.
- (iii) The surveyed access roads (trails) for these locations vary from the Berrien report map. The roads for well sites 5d and 6d will branch off West and East respectively from an existing surveyed trail North of well 6-12 (well survey attached). The roads for 5a and 6a will be South from 5d and 6d respectively to utilize the existing fencelines and minimize agricultural impact to the landowner.
- (3) When the proposed wells are electrified, underground power will be installed. It should be noted that the overhead powerlines and poles that presently service well 6-12 will be removed.
- (4) As stated in Section (2) (iii) of this request, lease access will be through the use of non built-up trails to reduce agricultural inconveniences to the landowner.

Your earliest attention to this request would be appreciated.

If additional information is required regarding this submission, please contact Mr. J. Cooke at 748-1334 or at the letterhead address.

Yours truly,


for K. G. Matieshin, P. Eng.
Area Superintendent
Virden

JC/cm

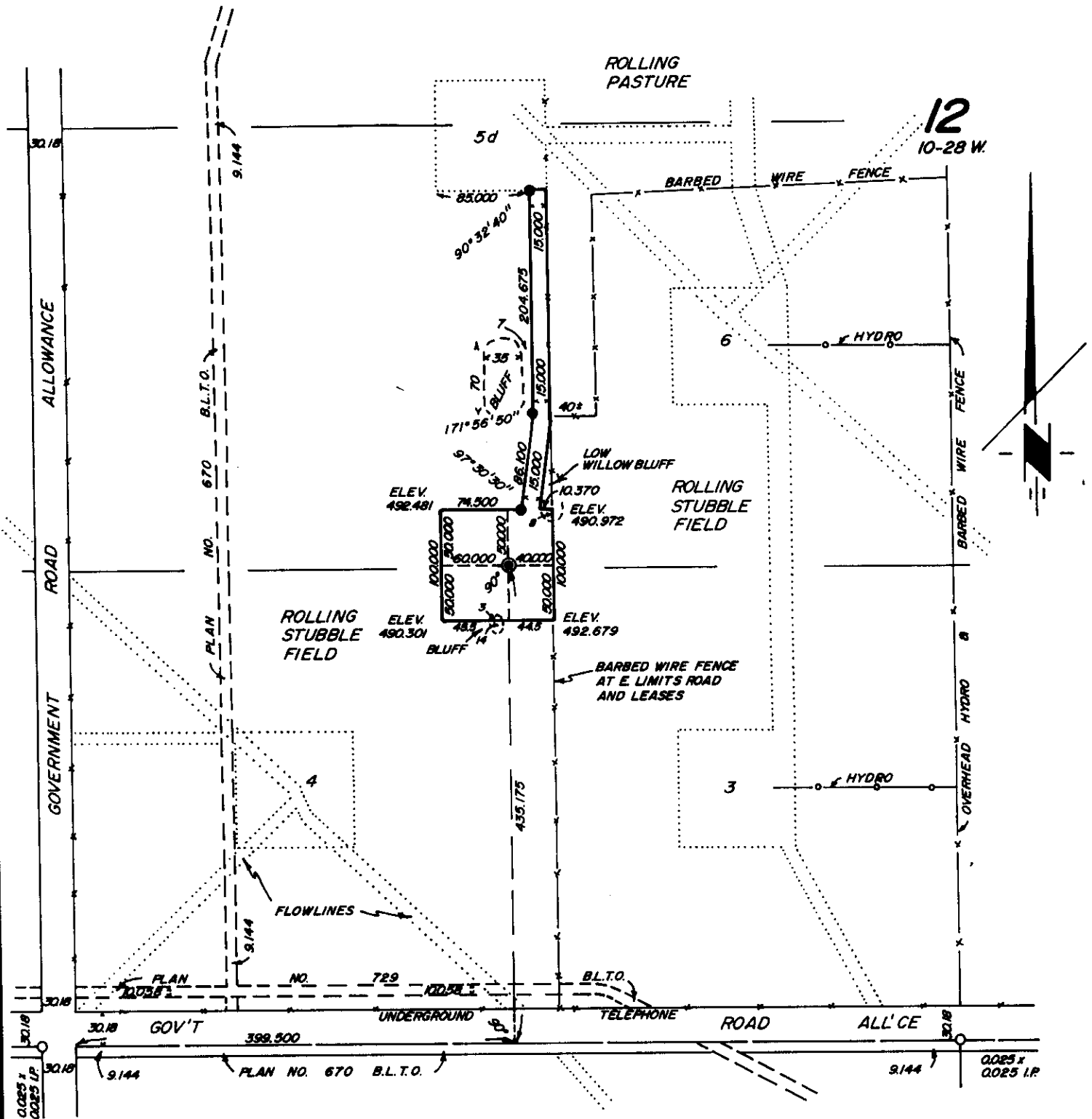
PLAN OF WELLSITE LOCATION

CHEVRON DALY

LSD. 5a , SEC. 12 , TP. 10 , RGE. 28 W.P.M

MANITOBA

Scale 1: 5000



NOTES

All distances are in metres or decimals of a metre and may be converted to feet by multiplying by 3.28084.

Well location is shown thus — ● —

Area required is shown outlined thus — — — — —

Survey monuments found are shown thus — — — — — ○ —

Iron posts planted are shown thus — — — — — ● —

Well Coordinates: 399.500 East of West bdry. Sec. 12
405.000 North of South bdry. Sec. 12

Ground elevation at well: 490.850

Areas Well Site 1.000 ha., 2.47 acres

Access Road 0.436 ha., 1.08 acres

Total 1.436 ha., 3.55 acres

Kevin Mathis, P.E.H.

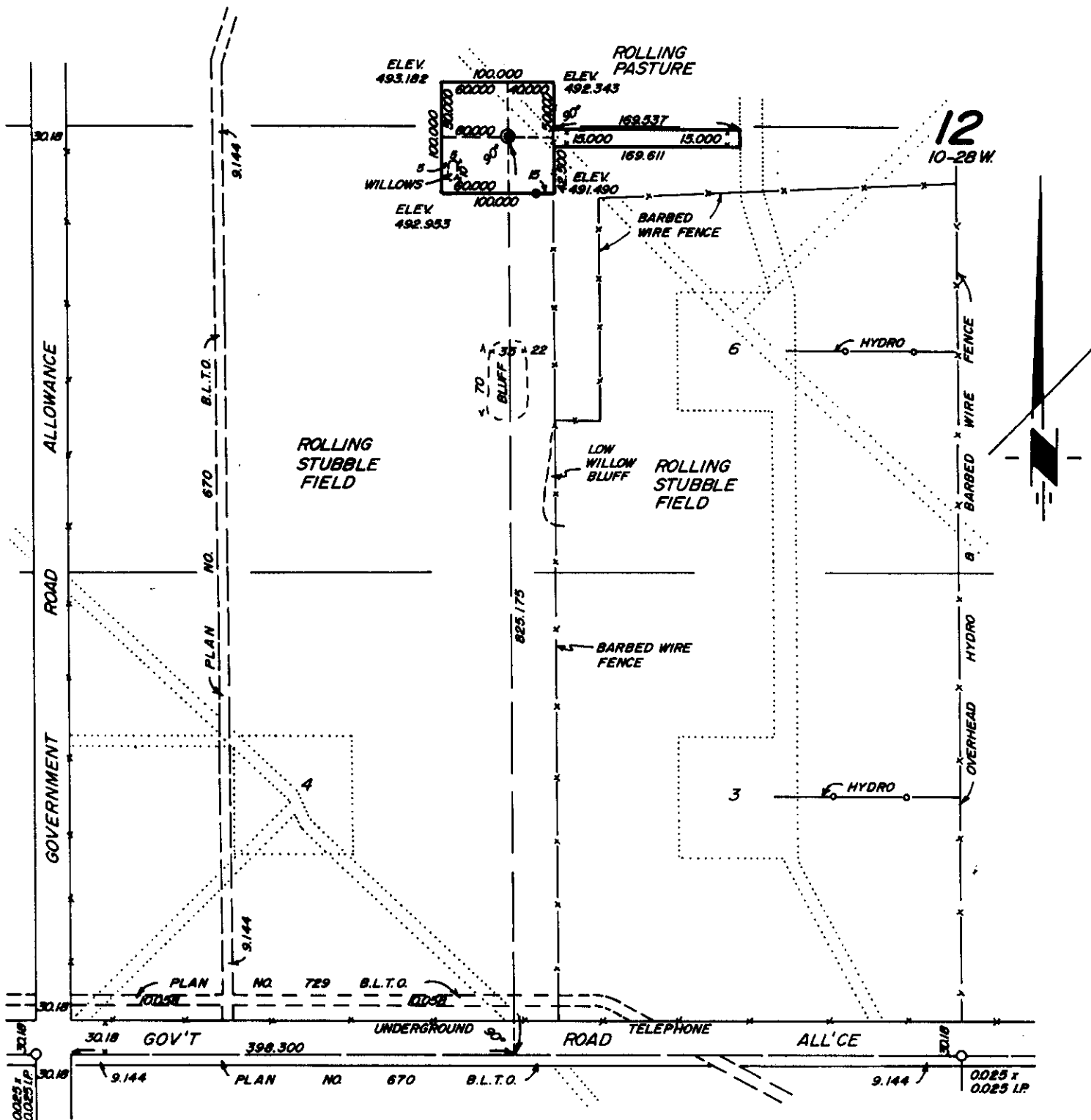
Plan and Survey certified correct
this 6th day of February, 1987.

[Signature]
Manitoba Land Surveyor

FB/PGE. 230/134-138
Job No. 87-021

LENNON SURVEYS
PO. Box 1346, 1640 Rosser Avenue
Brandon, Manitoba R7A 6N2
(204) 727-0651

PLAN OF WELL SITE LOCATION
CHEVRON DALY
LSD. 5d , SEC. 12 , TP. 10 , RGE. 28 W.P.M
MANITOBA
Scale 1: 5000



NOTES

All distances are in metres or decimals of a metre and may be converted to feet by multiplying by 3.28084.

Well location is shown thus — — — ●

Area required is shown outlined thus — — — — —

Survey monuments found are shown thus — — — ○

Iron posts planted are shown thus ●

Well Coordinates: 398.300 East of West bdry. Sec. 12
795.000 North of South bdry. Sec. 12

Ground elevation at well: **491.764**

Areas Well Site 1.000 ha., 2.47 acres

Access Road	0.254	ha.,	0.63	acres
-------------	-------	------	------	-------

Total	1.254	ha.	3.10	acres
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Plan and Survey certified correct
this *6th* day of *February, 1987*.

Manitoba Land Surveyor

FB/PGE. 230/134-138
Job No. 87-022

LENNON SURVEYS
P.O. Box 1346, 1640 Rosser Avenue
Brandon, Manitoba R7A 6N2
(204) 727-0651

Scale 1: 5000



PLAN OF WELL SITE LOCATION

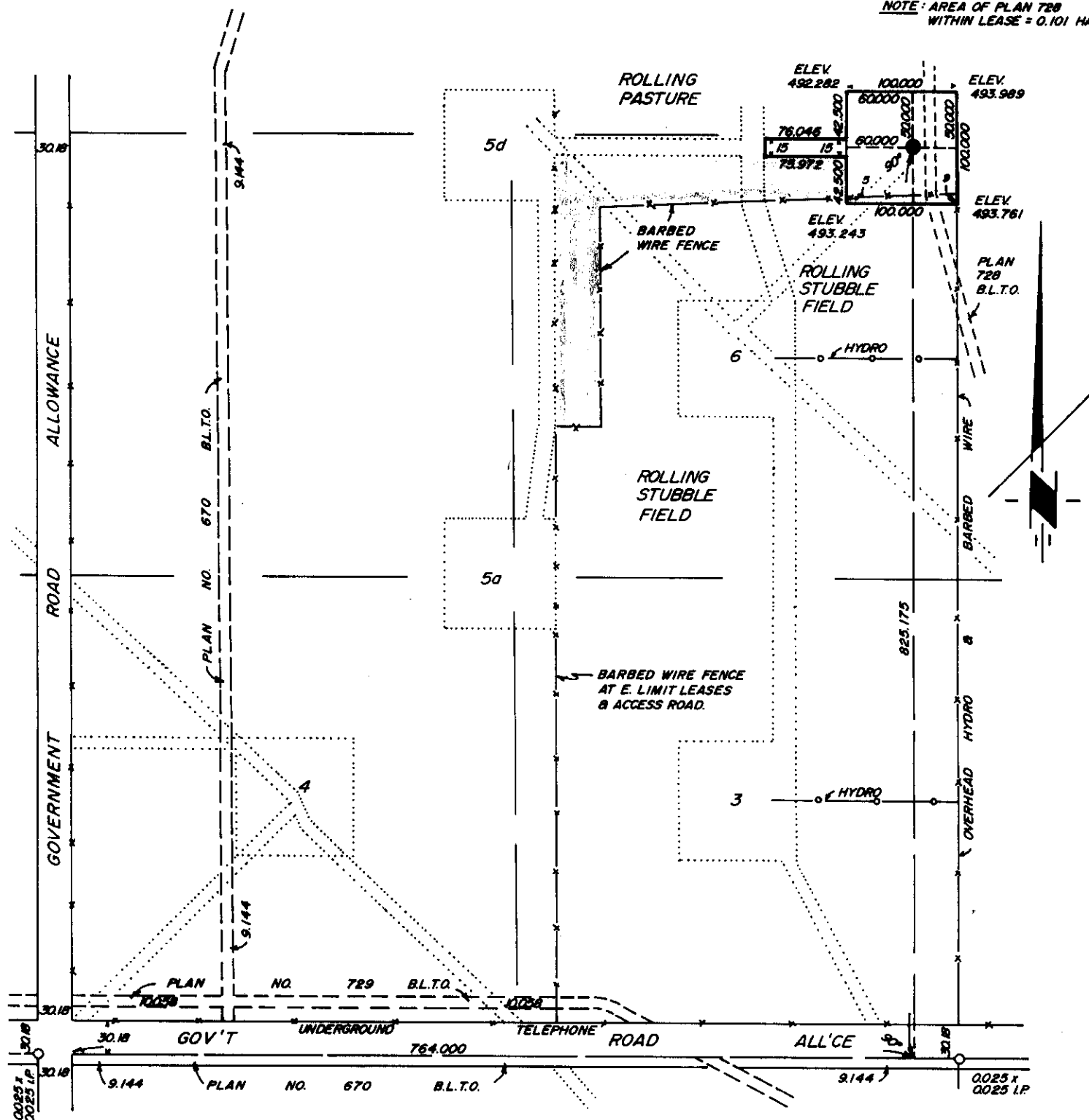
CHEVRON DALY

LSD. 6d , SEC. 12 , TP. 10 , RGE. 28 W.P.M

MANITOBA

Scale 1: 5000

NOTE: AREA OF PLAN 728
WITHIN LEASE = 0.101 HA



NOTES

All distances are in metres or decimals of a metre and may be converted to feet by multiplying by 3.28084.

Well location is shown thus — — — ●

Area required is shown outlined thus — — — — —

Survey monuments found are shown thus — — — ○

Iron posts planted are shown thus — — — ●

Well Coordinates: 795,000 North of South bdry. Sec. 12
764,000 East of West bdry. Sec. 12

Ground elevation at well: 492.816

Areas	Well Site	1.000	ha., 2.47	acres
	Access Road	0.114	ha., 0.28	acres
	Total	1.114	ha., 2.75	acres

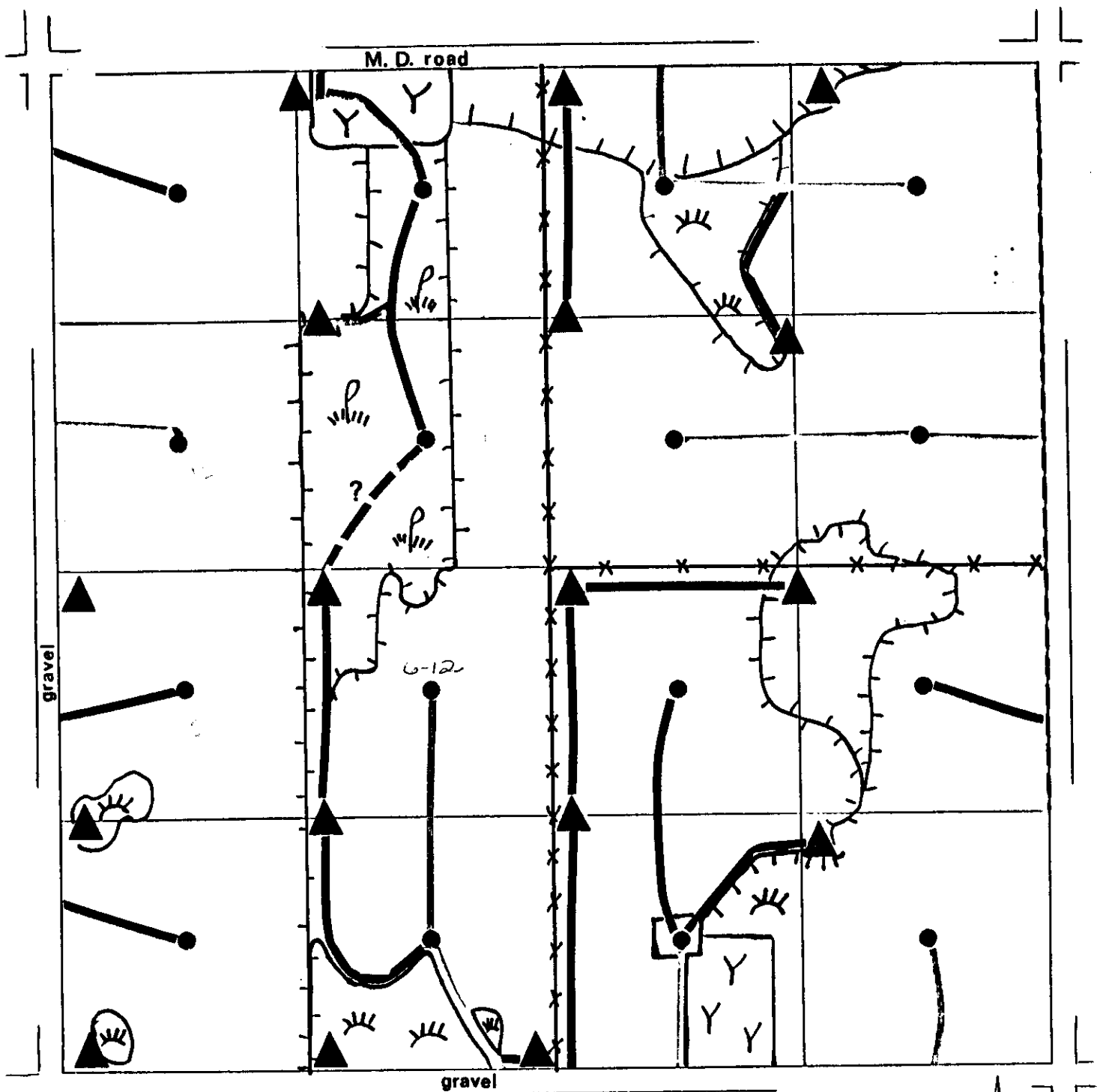
Kim Mathias, P. Eng.

Plan and Survey certified correct
this 6th day of February, 1987

[Signature]
Manitoba Land Surveyor

FB/PGE. 230 / 134 - 138
Job No. 87-023

LENNON SURVEYS
P.O. Box 1346, 1640 Rosser Avenue
Brandon, Manitoba R7A 6N2
(204) 727-0651



LEGEND

Section 12 Township 10 Range 28 WPM

- | | |
|---------------------|--------------------------|
| ● Existing well | ▤ Depressional area |
| ▲ New well | ▤ Pasture |
| — Existing road | ▤ Slough area |
| ▬ New road | ××× Fence |
| ▬ Existing trail | □ Y Yard |
| ▬ New trail | ▤ Field/crop delineation |
| - - - Unit boundary | |



"Berrien Report Map"

BRANDON EXPLORATION COMP

OIL WELL LOCATION

PLAN OF SURVEY OF PART OF
Ls. 6 Sec. 12 Tp. 10 Rq. 28 W.P.M.

MANITOBA

Scale 200 feet = 1 inch

CALSTAN DALY PROV. 6-12

