

3/10/00 3/30/00 MS NW NSL

NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

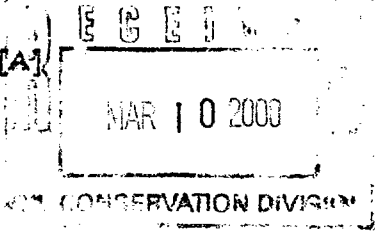
THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS.

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling [X] NSL [] NSP [X] DD [] SD



Check One Only for [B] and [C]

- [B] Commingling - Storage - Measurement [] DHC [] CTB [] PLC [] PC [] OLS [] OLM [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [] WFX [] PMX [] SWD [] IPI [] EOR [] PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or [] Does Not Apply

- [A] [X] Working, Royalty or Overriding Royalty Interest Owners [B] [X] Offset Operators, Leaseholders or Surface Owner [C] [] Application is One Which Requires Published Legal Notice [D] [] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office [E] [] For all of the above, Proof of Notification or Publication is Attached [F] [] Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Robert E. Liem Senior Vice President 03/10/00
Print or Type Name Signature Title Date

KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

TELEPHONE (505) 982-4285
TELEFAX (505) 982-2047

W. THOMAS KELLAHIN*

*NEW MEXICO BOARD OF LEGAL SPECIALIZATION
RECOGNIZED SPECIALIST IN THE AREA OF
NATURAL RESOURCES-OIL AND GAS LAW

JASON KELLAHIN (RETIRED 1991)

March 10, 2000

HAND DELIVERED

Mr. Michael E. Stogner
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Hood "8" Well No. 1
Administrative Application of
Tamarack Petroleum Company, Inc.,
for an unorthodox subsurface drilling/producing
window for its Hood "8" Well No. 1 located in Unit B,
Section 8, T17S, R38E, Lea County, New Mexico

Dear Mr. Stogner:

On behalf of Tamarack Petroleum Company, Inc. and in accordance with Division Rule 111 and Rule 104, please find enclosed the referenced application for approval to drill this well directionally within an unorthodox subsurface drilling and producing window.

Tamarack previously filed a separate application with OCD-Hobbs requesting approval of the directional wellbore and the APD. The purpose of this application filed with you, is to obtain approval for the various possible unorthodox subsurface locations within this proposed drilling producing window.

Tamarack proposes to re-enter the Anadarko-Hood 8 Well No. and to drill directionally to a depth of approximately 8200 feet and then vertically to a total depth sufficient to test the Atoka formation at a projected location of 1179 feet from the north line and 2211 feet from the east line.

Strawn oil

Mr. Michael E. Stogner
Oil Conservation Division
March 10, 2000
-Page 2-

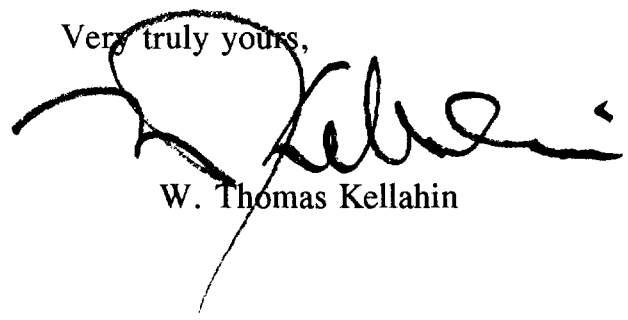
The primary objective is an oil well in the Strawn formation (wildcat) but with the well being drilled to the Atoka as a possible gas well. In addition, the Wolfcamp is a possible secondary objective.

However, in order to reduce the costs of controlling the wellbore to this specific target Tamarack desires a tolerance of 110 foot radius circle around this subsurface location. Therefore, Tamarack requests an unorthodox subsurface drilling and producing window which includes the following:

not closer than 318 feet to the north/south center line within Section 8 and not closer than 36 feet to the south line of Unit B of Section 8

Please call me if you have any questions.

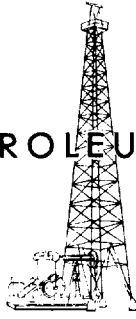
Very truly yours,



W. Thomas Kellahin

cfx: Mr. Chris Williams (OCD-Hobbs)
Tamarack Petroleum Company, Inc.
Attn: Hal Gill

TAMARACK PETROLEUM COMPANY, INC.



500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS 79701

TELEPHONE: 915/683-5474
FACSIMILE: 915/683-7306

March 8, 2000

Mr. Michael E. Stogner
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Application For Permit to Re-Enter - Directional Well
Unorthodox Bottom Hole Location
Hood 8 # 1
Lea County, New Mexico

Dear Mr. Stogner:

Enclosed in support of the subject application are the following:

1. Form C-101, Application For Permit To Drill, Re-enter, Deepen, Plugback, or Add A Zone
2. Form C-102, Well Location and Acreage Dedication Plat
3. Well Profile Data, showing proposed directional hole plan
4. Strawn Structure Map
5. Affidavit of Common Ownership: NE/4 Section 8, T17S, R38E, Lea County, New Mexico

Tamarack proposes to re-enter the Anadarko - Hood 8 # 1, drill out the cement plugs inside the 8 5/8" casing, clean out a portion of the hole below to a depth of approximately 4900', then sidetrack the well and drill directionally to a new bottom hole location located 320' south and 230' west of the surface location. This projected bottom hole location will be located 146' from the south line and 428' from the west line of unit B, thereby causing it to be an unorthodox location. Tamarack requests a permitted producing window with a tolerance of a 110' radius circle around this target, or a window to be no closer than 36' from the south line or 318' from the west line of unit B. This is the proposed target for both the penetration point into the primary objective, the Strawn horizon (expected to be oil productive) and the bottom hole location in the Atoka (expected to be gas productive).

The east half of section 8 is fee land that has been leased and is controlled by Tamarack. The minerals under the northeast quarter section are undivided and have common ownership under this lease, therefore ownership in unit B and unit G is identical. Attached is an affidavit to this effect. Should gas production in the Atoka be established, a drilling unit of 320 acres

Page 2

Application For Permit to Re-Enter - Directional Well

Unorthodox Bottom Hole Location

Hood 8 # 1

Lea County, New Mexico

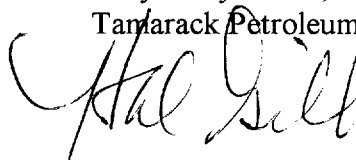
comprising the E/2 of Section 8 will be dedicated to this completion. Additional potential plugback zones include the primary objective **Strawn** (~11,150'), **Wolfcamp** (~10,000') and the **San Andres** (~5500'). Tamarack requests that these zones also be permitted for a possible plugback completion in this application.

The attached Strawn structure map, which is based on 3-D seismic survey information, shows the projected bottom hole location. This location is projected to be the highest structural position on the Strawn horizon. A standard location would not penetrate the prospective formation at this optimum point. Tamarack respectfully requests approval of the proposed unorthodox bottom hole location for this well.

Should you need additional information, please give me a call at (915) 683-5474.

Very Truly Yours,

Tamarack Petroleum Company, Inc.

A handwritten signature in black ink that reads "Hal Gill". The signature is written in a cursive, flowing style with a large initial "H" and "G".

Hal Gill

District Engineer

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

Form C-101
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|--|-------------------------|----------------------------|
| Operator Name and Address. Tamarack Petroleum Company, Inc. 500 W. Texas #1485 Midland, Texas 79701 | | OGRID Number 022131 |
| | | API Number 30-025-30513 |
| Property Code | Property Name Hood 8 | Well No. 1 |

⁷ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 8 | 17S | 38E | | 859 | North | 1981 | East | Lea |

⁸ Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 8 | 17S | 38E | | 1179 | North | 2211 | East | Lea |

⁹ Proposed Pool 1

Wildcat (Atoka)*

¹⁰ Proposed Pool 2

Wildcat (Strawn)*

| | | | | |
|-----------------------------------|--|----------------------------------|------------------------------------|---|
| ¹¹ Work Type Code E | ¹² Well Type Code O | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code P | ¹⁵ Ground Level Elevation 3713' |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 12,200 | ¹⁸ Formation Atoka | ¹⁹ Contractor | ²⁰ Spud Date 04/01/00 |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17" | 13.375 | unknown | 426 | 400 | Surface |
| 12.25" | 8.625 | unknown | 4490 | 1700 | Surface |
| 7.875" | 5.5 | 17# | 12000 | 900 | 3500 |
| | | | | | |

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Re-enter dry hole, drill out cement plugs and clean out to 4900'.
 Kick-off at 4900' and drill new 7-7/8" hole to new bottom hole location.
 If productive, run 5.5" casing and cement.
 BOP's to be installed prior to drilling out plugs (as provided by drilling contractor)

* In the event the Atoka is not productive, additional potential zones to plug back include the primary objective Strawn at approx. 11,150', Wolfcamp at approx. 10,000' and San Andres at approx. 5,500'. Tamarack requests permit approved for these formations as well as the Atoka.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Hal Gill

Title:

District Engineer

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

program. Attach additional sheets if necessary.

23

The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

- 1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.
- 8 The proposed bottom hole location of this well at TD
- 9 and 10 The proposed pool(s) to which this well is being drilled.
- 11 Work type code from the following table:

| | |
|---|--------------|
| N | New well |
| E | Re-entry |
| D | Drill deeper |
| P | Plugback |
| A | Add a zone |
- 12 Well type code from the following table:

| | |
|---|-----------------------|
| O | Single oil completion |
| G | Single gas completion |
| M | Multiple completion |
| I | Injection well |
| S | SWD well |
| W | Water supply well |
| C | Carbon dioxide well |
- 13 Cable or rotary drilling code

| | |
|---|-----------------------------|
| C | Propose to cable tool drill |
| R | Propose to rotary drill |
- 14 Lease type code from the following table:

| | |
|---|---------|
| S | State |
| P | Private |
- 15 Ground level elevation above sea level
- 16 Intend to multiple complete? Yes or No
- 17 Proposed total depth of this well
- 18 Geologic formation at TD
- 19 Name of the intended drilling company if known.
- 20 Anticipated spud date.
- 21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement
- 22 Brief description of the proposed drilling program and BOP

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Asteo, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|----------------------------|---|----------------------|
| API Number 30-025-30513 | Pool Code | Pool Name Wildcat |
| Property Code | Property Name HOOD 8 | Well Number 1 |
| OGRID No. 022131 | Operator Name TAMARACK PETROLEUM CO., INC. | Elevation 3713 |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 8 | 17 S | 38 E | | 859 | NORTH | 1981 | EAST | LEA |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 8 | 17 S | 38 E | | 1179 | NORTH | 2211 | EAST | LEA |

| | | | |
|-----------------|-----------------|--------------------|-----------|
| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

NE 1/4 in common acreage

SURFACE
SPC NMEZ
NAD 1927
Y=676404
X=857819

BOTTOM HOLE & PENETRATION POINT
SPC NMEZ
NAD 1927
Y=676081
X=857593

← 600 →
← 1980' →

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Hal Gill

Signature

Hal Gill
Printed Name

District Engineer
Title

3/8/2000
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

FEBRUARY 7, 2000
Date Surveyed

LMP

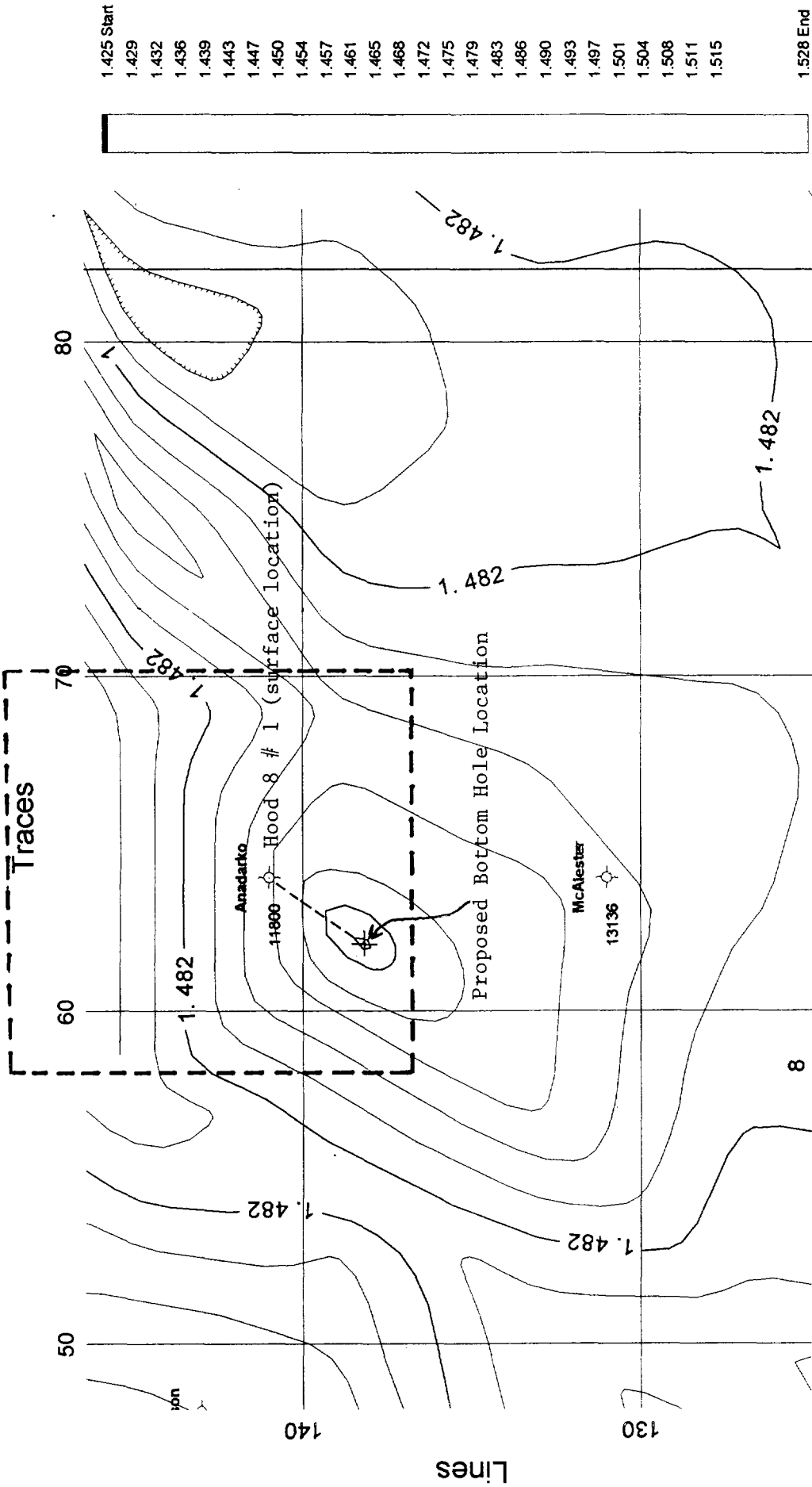
Signature & Seal of Professional Surveyor

Gary Edson
2/23/2000

00-11-0186

Certificate No. RONALD C. EDSON 3239
GARY EDSON 12641
MACON McDONALD 12185

Horizon STR (Blue) Time Map, Contour STR 23 Feb 2000, 11:24



LEGEND

- DRY HOLE
- ⊕ PROPOSED BOTTOM HOLE LOCATION
- UNIT B: DRILLING UNIT (APPROX. 40 ACRES)

TAMARACK PETROLEUM COMPANY, INC.

PROPOSED RE-ENTRY: HOOD 8 # 1

SEC. 8, T17S, R38E, LEA COUNTY, NEW MEXICO

STRUCTURE: TOP/STRAWN

CONTOUR INTERVAL = 0.002 sec.

Scale: 1" = 500' DATE: 2-23-00

Tamarack Petroleum Company Inc.

Structure : Hood 8-1

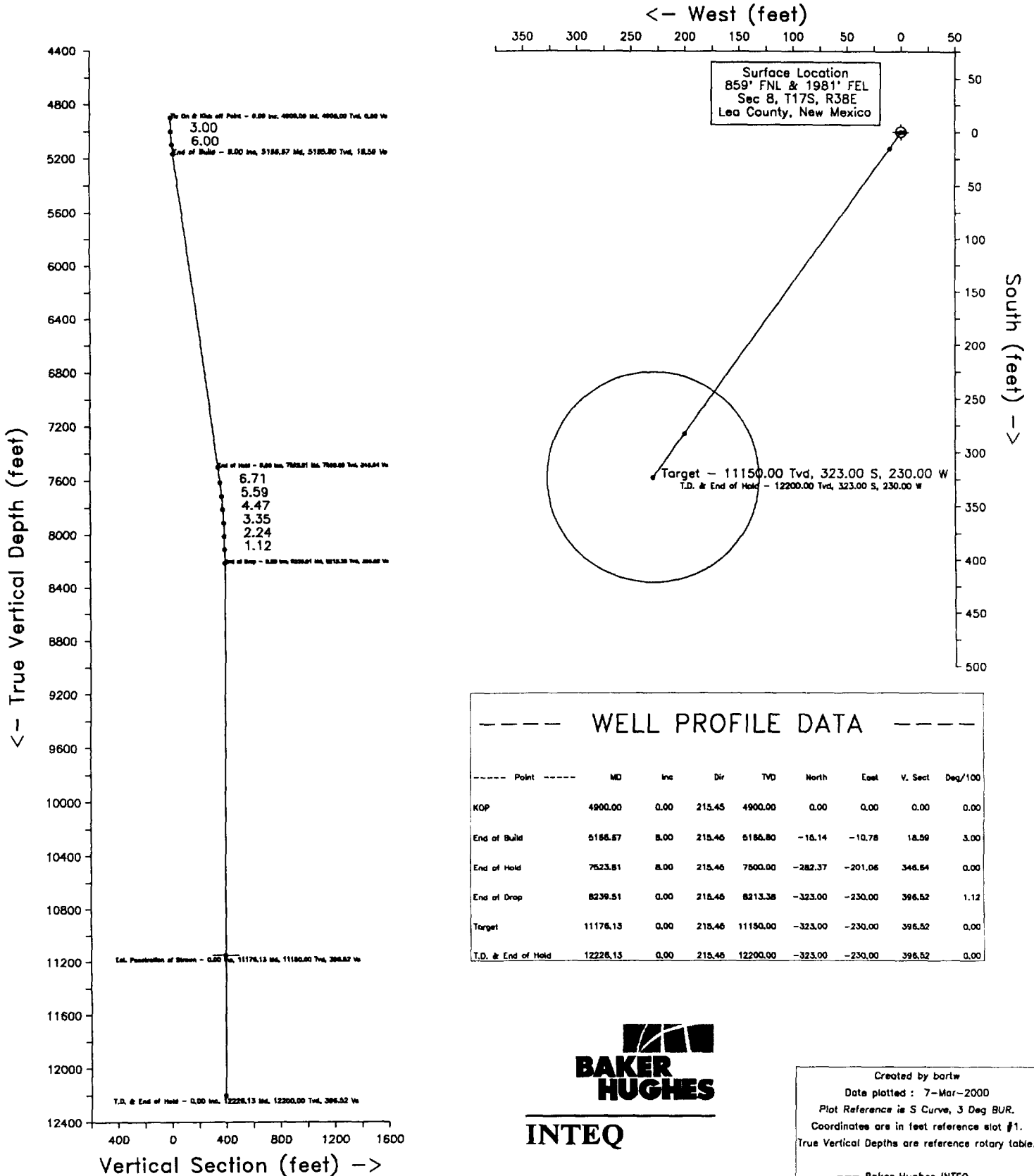
Slot : slot #1

Field :

Location : LEA COUNTY, NEW MEXICO



D-TWO-1000 (Version 03/00)
Magnetic North to S. 89 Degree East of 1983 North
To convert, add/subtract from Magnetic to True and vice versa



Surface Location
859' FNL & 1981' FEL
Sec 8, T17S, R38E
Lea County, New Mexico

Target - 11150.00 Tvd, 323.00 S, 230.00 W
T.D. @ End of Hold - 12200.00 Tvd, 323.00 S, 230.00 W

| WELL PROFILE DATA | | | | | | | | |
|--------------------|----------|------|--------|----------|---------|---------|---------|---------|
| Point | MD | Inc | Dir | TVD | North | East | V. Sect | Deg/100 |
| KOP | 4900.00 | 0.00 | 215.45 | 4900.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| End of Build | 5166.67 | 8.00 | 215.46 | 5166.80 | -10.14 | -10.78 | 18.59 | 3.00 |
| End of Hold | 7623.81 | 8.00 | 215.46 | 7600.00 | -282.37 | -201.06 | 346.84 | 0.00 |
| End of Drop | 8239.51 | 0.00 | 215.46 | 8213.38 | -323.00 | -230.00 | 396.52 | 1.12 |
| Target | 11176.13 | 0.00 | 215.46 | 11150.00 | -323.00 | -230.00 | 396.52 | 0.00 |
| T.D. @ End of Hold | 12226.13 | 0.00 | 215.46 | 12200.00 | -323.00 | -230.00 | 396.52 | 0.00 |



INTEQ

Created by bartw
Date plotted : 7-Mar-2000
Plot Reference is S Curve, 3 Deg BUR.
Coordinates are in feet reference slot #1.
True Vertical Depths are reference rotary table.
--- Baker Hughes INTEQ ---

Azimuth 215.45 with reference 0.00 N, 0.00 E from slot #1

Tamarack Petroleum Company Inc.
Hood 8-1

slot #1

LEA COUNTY, NEW MEXICO

P R O P O S A L L I S T I N G

by
Baker Hughes INTEQ

Your ref : S Curve, 3 Deg BUR
Our ref : prop2394
License :

Date printed : 7-Mar-2000
Date created : 2-Nov-1999
Last revised : 7-Mar-2000

Field is centred on n32 58 13.100,w103 14 15.6
Structure is centred on n32 58 13.100,w103 14 15.6

Slot location is n32 58 13.100,w103 14 15.600
Slot Grid coordinates are N 718458.262, E 836033.931
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866
Reference North is True North

Tamarack Petroleum Company Inc.
 Hood 8-1, slot #1
 , LEA COUNTY, NEW MEXICO

PROPOSAL LISTING Page 1
 Your ref : S Curve, 3 Deg BUR
 Last revised : 7-Mar-2000

| Measured Depth | Inclin. Degrees | Azimuth Degrees | True Vert Depth | R E C T A N G U L A R C O O R D I N A T E S | Dogleg Deg/100ft | Vert Sect |
|----------------|-----------------|-----------------|-----------------|---|------------------|-----------|
| 4900.00 | 0.00 | 215.45 | 4900.00 | 0.00 E | 0.00 | 0.00 |
| 5000.00 | 3.00 | 215.45 | 4999.95 | 1.52 W | 3.00 | 2.62 |
| 5100.00 | 6.00 | 215.45 | 5099.63 | 6.07 W | 3.00 | 10.46 |
| 5166.67 | 8.00 | 215.45 | 5165.80 | 10.78 W | 3.00 | 18.59 |
| 5500.00 | 8.00 | 215.45 | 5495.89 | 37.69 W | 0.00 | 64.98 |
| 6000.00 | 8.00 | 215.45 | 5991.02 | 78.05 W | 0.00 | 134.56 |
| 6500.00 | 8.00 | 215.45 | 6486.16 | 118.42 W | 0.00 | 204.15 |
| 7000.00 | 8.00 | 215.45 | 6981.29 | 158.78 W | 0.00 | 273.74 |
| 7500.00 | 8.00 | 215.45 | 7476.43 | 199.14 W | 0.00 | 343.32 |
| 7523.81 | 8.00 | 215.45 | 7500.00 | 201.06 W | 0.00 | 346.64 |
| 7539.51 | 7.82 | 215.45 | 7515.55 | 202.32 W | 1.12 | 348.80 |
| 7639.51 | 6.71 | 215.45 | 7614.75 | 209.65 W | 1.12 | 361.44 |
| 7739.51 | 5.59 | 215.45 | 7714.17 | 215.87 W | 1.12 | 372.15 |
| 7839.51 | 4.47 | 215.45 | 7813.78 | 220.95 W | 1.12 | 380.92 |
| 7939.51 | 3.35 | 215.45 | 7913.55 | 224.91 W | 1.12 | 387.74 |
| 8039.51 | 2.24 | 215.45 | 8013.43 | 227.74 W | 1.12 | 392.62 |
| 8139.51 | 1.12 | 215.45 | 8113.38 | 229.43 W | 1.12 | 395.55 |
| 8239.51 | 0.00 | 215.45 | 8213.38 | 230.00 W | 1.12 | 396.52 |
| 8500.00 | 0.00 | 215.45 | 8473.87 | 230.00 W | 0.00 | 396.52 |
| 9000.00 | 0.00 | 215.45 | 8973.87 | 230.00 W | 0.00 | 396.52 |
| 9500.00 | 0.00 | 215.45 | 9473.87 | 230.00 W | 0.00 | 396.52 |
| 10000.00 | 0.00 | 215.45 | 9973.87 | 230.00 W | 0.00 | 396.52 |
| 10500.00 | 0.00 | 215.45 | 10473.87 | 230.00 W | 0.00 | 396.52 |
| 11000.00 | 0.00 | 215.45 | 10973.87 | 230.00 W | 0.00 | 396.52 |
| 11176.13 | 0.00 | 215.45 | 11150.00 | 230.00 W | 0.00 | 396.52 |

Est. Penetration of Straw

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 396.52 on azimuth 215.45 degrees from wellhead.
 Vertical section is from N 0.00 E 0.00 on azimuth 215.45 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

Tamarack Petroleum Company Inc.
 Hood 8-1, slot #1
 , LEA COUNTY, NEW MEXICO

PROPOSAL LISTING Page 2
 Your ref : S Curve, 3 Deg BUR
 Last revised : 7-Mar-2000

| Measured Depth | Inclin. Degrees | Azimuth Degrees | True Vert Depth | R C O O R D I N A T E S | A N G L E S | Dogleg Deg/100ft | Vert Sect |
|-------------------|--------------------|--------------------|--------------------|--|----------------------------|---------------------|--------------|
| 11500.00 | 0.00 | 215.45 | 11473.87 | 323.00 | 230.00 | 0.00 | 396.52 |
| 12000.00 | 0.00 | 215.45 | 11973.87 | 323.00 | 230.00 | 0.00 | 396.52 |
| 12226.13 | 0.00 | 215.45 | 12200.00 | 323.00 | 230.00 | 0.00 | 396.52 |

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 396.52 on azimuth 215.45 degrees from wellhead.
 Vertical section is from N 0.00 E 0.00 on azimuth 215.45 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

Tamarack Petroleum Company Inc.
 Hood 8-1, slot #1
 , LEA COUNTY, NEW MEXICO

PROPOSAL LISTING Page 3
 Your ref : S Curve, 3 Deg BUR
 Last revised : 7-Mar-2000

Comments in wellpath
 =====

| MD | TVD | Rectangular Coords. | Comment |
|----------|----------|---------------------|----------------------------|
| 11176.13 | 11150.00 | 323.00 S 230.00 W | Est. Penetration of Strawn |

Targets associated with this wellpath
 =====

| Target name | Geographic Location | T.V.D. | Rectangular Coordinates | Revised | |
|-------------|---------------------|----------|-------------------------|---------|------------|
| | | 11150.00 | 323.00S | 230.00W | 2-Nov-1999 |

KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

TELEPHONE (505) 982-4285
TELEFAX (505) 982-2047

W. THOMAS KELLAHIN*

*NEW MEXICO BOARD OF LEGAL SPECIALIZATION
RECOGNIZED SPECIALIST IN THE AREA OF
NATURAL RESOURCES-OIL AND GAS LAW

JASON KELLAHIN (RETIRED 1991)

March 10, 2000

TO: OFFSET INTEREST OWNER

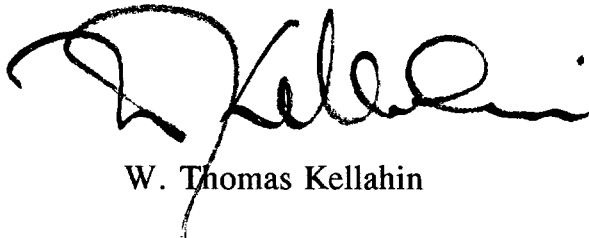
NOTICE OF THE FOLLOWING NEW MEXICO OIL
CONSERVATION DIVISION ADMINISTRATIVE
APPLICATION

*Re: Application of Tamarack Petroleum Company, Inc.
for an unorthodox subsurface drilling/
producing window for its Hood 8 Well No. 1,
Unit B, Section 8, T17S, R38E,
Lea County, New Mexico*

In accordance with the notification rules of the New Mexico Oil Conservation Division, on behalf of Tamarack Petroleum Company, Inc. I am enclosing a copy of its administrative application for an unorthodox subsurface drilling-producing window for its Hood 8 Well No. 1.

If you object to this application, then you must notify the Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, in writing not later than twenty (20) days from the date of this letter. Failure to file a timely objection to this application will preclude you from contesting this matter at a later date. Please call me if you have any questions.

Very truly yours,



W. Thomas Kellahin

Notification List

Owners in NW/4 Section 8, T17S, R38E, Lea County, New Mexico

Leasehold Owners

Anson Partners, L. L. C.
4005 NW Expressway, Suite 400e
Oklahoma City, Oklahoma 73116

Tamarack Petroleum Company, Inc.
500 West Texas, Suite 1485
Midland, Texas 79701

Harvey E. Yates Company
Spiral, Inc.
Explorers Petroleum Corporation
Heyco Employees Ltd.
P. O. Box 1933
Roswell, New Mexico 88202-1933

Beasley Oil Company
2017 Heritage Park Drive
Oklahoma City, Oklahoma 73120

James H. Yates, Inc.
Colkelan Corporation
906 S. St. Francis Drive, Suite C
Santa Fe, New Mexico 87501

Unleased Mineral Owners

James T. Smith Estate
1300 Fourth Terrace West
Birmingham, Alabama

Ray F. Tissue
1709 Airline Highway # 204
Hollister, California 95023

Dorthy Jane Tissue
24680 Avenida Principal
Salinas, California 93908

AFFIDAVIT OF COMMON OWNERSHIP

STATE OF NEW MEXICO }
 }
County of Lea }

Before me, the undersigned Notary Public, on this day personally appeared Christopher B. Corley, to me well known, and who, after having been first duly sworn, deposes and says:

My name is Christopher B. Corley and I reside in Midland County, Texas. I am 48 years of age and have been engaged in Oil and Gas exploration for over 20 years, primarily in the capacity of Petroleum Landman. I am familiar with and have personal knowledge of the record title to the undivided oil, gas and mineral rights, in and under the following tract of land in Lea County, New Mexico, to wit:

All of the Northeast quarter (NE/4) of Section Eight (8), T-17-S, R-38-E, N.M.P.M.

and, to the best of my knowledge, said record title is uniform and common within said tract.

Further, affiant sayeth not.

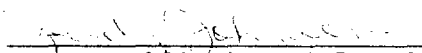


Christopher B. Corley

Subscribed and sworn to before me the undersigned Notary Public on this 21st day of February, 2000.

My commission expires:





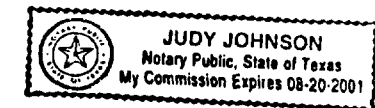
Notary Public in and for the State of Texas

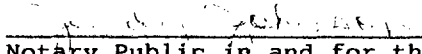
Acknowledgement

State of Texas }
 }
County of Midland }

The foregoing affidavit was acknowledged before me on February 21, 2000, by Christopher B. Corley.

My commission expires:





Notary Public in and for the State of Texas