District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

JUL 1999 RECEIVED OCD - ARTESIA

Disconnected

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

| [1] Operator Name and Address | [2] OGRID Number |
|---|---|
| Vintage Petroleum, Inc. 918-529-0101<br>~~4200 One Williams Center~~ 110 W 7th, Suite 2300<br>Tulsa, OK ~~74172~~ Tulsa, OK 74119 | 24173 |
| | [3] API Number<br>30- 005- 63215 |

| [3] Property Code | [5] Property Name | [6] Well No. |
|---|---|---|
| 24742 | Thompson Canyon ~~Creek~~ Ranch | 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 |
|---|---|---|---|---|---|---|---|---|---|
| O | 31 | 4S | 23E | | 660 | South | 1980 | East | Chaves |

## [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 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| [9] Proposed Pool 1 | [10] Proposed Pool 2 |
|---|---|
| Wildcat | |

| [11] Work Type Code | [12] Well Type Code | [13] Cable/Rotary | [14] Lease Type Code | [15] Ground Level Elevation |
|---|---|---|---|---|
| N | O | R | P | 4571' |
| **[16] Multiple** | **[17] Proposed Depth** | **[18] Formation** | **[19] Contractor** | **[20] Spud Date** |
| No | 5110' | Pre-Cambrian | Not Known | July '99 |

**Minimum WOC time 18 hrs.**

## [21] Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|---|---|---|---|---|---|
| 14-3/4 | 11-3/4 | 42 #/ft | 950 | 475 sxs | Surface |
| * 11 | 8-5/8 | 24 #/ft | 1800 | 240 sxs | 1000' |
| 7-7/8 | 4-1/2 | 10.5 #/ft | 5110 | 435 sxs | 3200' |
| | | | | Works | New Mexico |

* Contingency Casing, See Procedure.

[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.

SEE ATTACHED.

110 W 7th
Suite 2300
Tulsa, OK
74119

918 592 0101 - Main H - Disconnected

918 ~~58~~ 5407
Jim Miller

**Notify OCD at SPUD & TIME to witness cementing the 11 3/4" casing.**

Post ID-1
7-16-99
API + Loc

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

Signature: Vann A. Greeson
Printed name: Vann A. Greeson
Title: Regulatory Specialist
Date: 7/6/99
Phone: (918) 592-0101 - 1315

OIL CONSERVATION DIVISION

Approved by: Jim W. Gum BLK
Title: District Supervisor
Approval Date: 7-12-99 Expiration Date: 7-12-00
Conditions of Approval:
Attached ☐

405 273 1185 - Field office

# Thompson Canyon Ranch #1

Red Trail #25
SW/4 SE/4 sec 31-T 4S- R 23E
Chaves County, New Mexico

DRILLING PROGRAM

Prepared: June 21, 1999

**OUTLINE of PROCEDURE:**

## I. Pre-spud:

A. Survey and stake location. 660' N. & 1980' w. of SE corner, Sec. 31-T4S-R23E, Chaves County, NM.

B. Prepare location and access roads. Re-survey location to center of conductor; note GL & KB elevations. If required by drilling contractor dig the cellar; set and cement ±40' of 16" conductor.

C. After digging reserve and working pits per drilling contractors requirements line pits with plastic.

## II. Surface to 950' - 14-3/4" hole:

### Overview

This section of the hole will be drilled with a 14-3/4" bit from 40' to 950'. The 11-3/4" surface casing will be set at 950' and cemented. This section of the hole could have fluid loss from seepage too severe. Fluid losses can occur in the San Andres formation at 470'. Because of potential shallow production, the Mud loggers will be rigged up and start catching samples at spud to TD. Initially samples will be caught every 20' to surface casing point at 950'.

A. Move in and rig up drilling rig (Note KB elevation on first report).

B. Drilling:

1. Drill 14-3/4" hole to 11-3/4" casing point @ ±900'. Drill surface hole with spud mud and/or gel and water with Lime additions for pH maintenance. Reference attached drilling fluids program for further details. NOTE: Mud loggers to be rigged up and start logging at spud. Samples are to be caught every 20' to 950'.

| MUD PROGRAM | | | | |
|---|---|---|---|---|
| **FLUID TYPE: Spud with a Gel/Lime "spud mud". Utilize native solids to maintain sufficient viscosity to clean the large diameter hole. Maintain fluid properties consistent with the table below.** | | | | |
| **Depth** (feet) | **Mud Weight** (PPG) | **Funnel Viscosity** (sec/1000cc) | **Water Loss** (cc's) | **pH** |
| 0-950 | 8.5-9.2 | 30 - 36 | N/C | 9 - 10 |

*NOTE: The above parameters should be used as a guide only and adjusted as hole conditions dictate. Mud engineer will keep a service report, cost record and material inventory daily. Reports are to be prepared & faxed to Tulsa daily by 7:00 am (Tulsa time).*

2. Take deviation survey at surface casing point or at first bit trip prior to reaching surface casing setting depth. After first deviation survey, surveys must be taken every 500 feet.
3. After running survey at surface casing setting point, if hole conditions warrant, wipe hole to surface and circulate clean before strapping out.
4. Strap the drill string while pulling out of hole to run 11-3/4" surface casing. Avoid surge and swab on trips.

C. Running Surface Casing:

1. Run 11-3/4" casing, 42.0 lb/ft, H-40, ST&C to ±950' (base of fresh water estimated at ±900').
2. Perform full-length drift on all casing to 11.000".
3. Clean threads and visually inspect body and threads.
4. Measure casing and record with threads off.
5. Equip casing with notched shoe.
6. Install one centralizer on each of the three bottom joints.
7. Use thread-lock compound on bottom three collars when running casing.
8. Circulate 150% of pipe volume while reciprocating casing prior to cementing.
9. Maximum displacement pressure on 11-3/4" csg = 1,100 psi.

D. Cement Surface casing:

NOTE: Cement mixing water must be analyzed for compatibility prior to the cement job. Pilot and bulk blend tests are required to be run by the cementing company with well site water. *FAX test results to VINTAGE: attn: Gus Gustafson - Fax No. (918) 584-7282.*

1. Rig up cementing company equipment.
2. Obtain one dry and one wet sample during each stage of the cement job - confirm slurry weights throughout the cement job with independent mud scales.
3. Lead slurry: Mix and pump 325 sacks Light Premium + 2% Calcium Chloride + 0.25 lb/sk Flocele (mixed with Fresh Water).
4. Tail slurry: Mix and pump 150 sacks Premium Cement + 2% Calcium Chloride, (mixed with Fresh Water).
5. CEMENT PROPERTIES:

| | LEAD | TAIL |
|---|---|---|
| Weight of slurry (ppg): | 12.40 | 14.80 |
| Yield (cu. ft./sk): | 2.00 | 1.34 |
| Water required (gal/sk): | 11.02 | 6.31 |
| Thickening time (HH): | 4.00 | 3.00 |
| Free Water (cc's/30 min): | 0.00 | 0.00 |
| Compression strength: | | |
| 12 hrs @ 80 deg F (Psi) | 200 | 1,000 |
| 24 hrs @ 80 deg F (Psi) | 400 | 2,000 |

NOTE: Cementing company to pilot test for thickening times and compressive strengths on the above slurries and fax results immediately to VINTAGE.

6. Displace cement in 11-3/4" casing with water to 40' above shoe. Pump calculated displacement. *Maximum pressure on 11-3/4" casing 1,100 psi.*
7. If cement does not circulate to surface, run 1" pipe in annulus to top of cement and circulate cement to surface.
8. Center 11-3/4" casing in rotary table, open drain plug on conductor pipe and wash out cement. Cut and strip off 16" conductor. Cut 11-3/4" casing. Install 11-3/4" SOW, 13-3/8"x 2M psi csg head and test to 780 psi. Install adapter flange and nipple up 3M BOP, test blind rams; pipe rams, kelly cock and all surface lines and chokes with 1,500 psi. Check all bolts on BOP stack on first trip below shoe. Tighten as required. Function test BOP daily or on bit trips and log on tour report.
9. Pressure test casing to 600 psi with fresh water after WOC for eight (8) hours. Pressure must be held for 30 minutes. Utilize a chart recorder while pressure testing. Report to Tulsa office if pressure drops more than 10% (60 psi).

## III. 950' to 1,800' (11" Hole): Contingency Hole Section

### Overview

Initially the interval from 950' to ± 1,800' will be drilled with a 11" bit due to the potential for severe lost circulation through this section of hole. Should loss circulation be severe an 8-5/8" casing string will be run. Should fluid losses be at a minimum the hole size will be reduced to 7-7/8". Mud loggers will continue catching samples every 20 feet until 1,750' where samples will be caught every 10 feet.

A. After waiting on cement (WOC) a minimum of eight (8) hours and pressure testing casing trip in hole with 11" bit and BHA. Drill out cement.

B. Drill 11" hole to TD at 1,800'. Survey as needed (±500'). Limit deviation to 1 deg/100'; maximum 1.5 deg at TD. Coordinate survey timing with trips. Strap drill pipe out on first trip below surface csg. General mud properties are outlined below. NOTE: Mud loggers are to continue logging. Samples to be taken every 20' to 1,750', then every 10' to 3,400'.

| MUD PROGRAM | | | | |
|---|---|---|---|---|
| **FLUID TYPE: Drill out below surface casing with Brine. Circulate through the reserve pit for maximum gravitational solids removal. Maintain fluid properties consistent with the table below.** | | | | |
| **Depth** (feet) | **Mud Weight** (PPG) | **Funnel Viscosity** (sec/1000cc) | **Water Loss** (cc's) | **pH** |
| 950-3,300 | 9.7 - 10.0 | 28 - 31 | N/C | 9 - 10 |

*NOTE: The above parameters should be used as a guide only and adjusted as hole conditions dictate. Mud engineer will keep a service report, cost record and material inventory daily. Reports are to be prepared & faxed to Tulsa daily by 7:00 am (Tulsa time).*

C. If severe loss of returns develop, continue to dry drill to ± 1,800'. Then trip out of hole while measuring drill pipe to run 8-5/8" casing. If severe loss returns have not developed by 1,800' pull out of hole to change bit size and BHA.

D. Contingency Casing Preparation ( 8-5/8"):

1. Full-length drift to API specs (7.875" for 24.0 lb/ft).
2. Clean threads and visually inspect body and threads.
3. Measure and record pipe length with threads off.
4. Measure casing and record with threads off.
5. Equip casing with cement guide shoe and insert fill-up valve one joint above the shoe.
6. Install one centralizer on each of the three bottom joints.
7. Use thread-lock compound on bottom three collars when running casing.
8. Maximum pressure on 8-5/8" csg = 1,500 psi.

E. Cement Contingency casing:

NOTE: Cement mixing water must be analyzed for compatibility prior to the cement job. Pilot and bulk blend tests with well site water are required to be run by the cementing company. *FAX test results to VINTAGE: attn: Gus Gustafson - Fax No. (918) 584-7282.*

1. Rig up cementing company equipment.
2. Obtain one dry and one wet sample during each stage of the cement job - confirm slurry weights throughout the cement job with independent mud scales.
3. Lead slurry: Mix and pump 90 sacks Interfill "C" cement + 5.0 lb/sk Flocele + 0.25lb/sk Gilsonite + 2% Calcium Chloride, (mixed with Fresh Water).
4. Tail slurry: Mix and pump 150 sacks Premium Plus Cement + 2% Calcium Chloride, (mixed with Fresh Water).
5. CEMENT PROPERTIES:

| CEMENT PROPERTIES: | LEAD | TAIL |
|---|---|---|
| Weight of slurry (ppg): | 11.50 | 14.80 |
| Yield (cu. ft./sk): | 2.86 | 1.34 |
| Water required (gal/sk): | 16.76 | 6.31 |
| Thickening time (HH: MM): | 6:30 | 2:25 |
| Free Water (cc's/30 min): | 0.00 | 0.00 |
| Compression strength: | | |
| 12 hrs @ 90 deg F (psi) | 150 | 1,000 |
| 24 hrs @ 90 deg F (psi) | 200 | 2,300 |

NOTE: Cementing company to pilot test for thickening times and compressive strengths on the above slurries and fax results immediately to VINTAGE.

6. Displace 8-5/8" casing with water to insert valve. Pump calculated displacement. Do not over-displace to bump plug. *Maximum pressure on 8-5/8" casing 1,500 psi.*
7. Pick up BOP stack and land 8-5/8" casing in slips with full string weight.

F. Nipple Up:

1. Cut off 8-5/8" casing.
2. Install 8-5/8" SOW, 11"x 2M psi csg head and test to 1,027 psi.
3. Nipple up 3M BOP, test blind rams, pipe rams, kelly cock and all surface lines and chokes with 1,500 psi. Check all bolts on BOP stack on first trip below shoe. Tighten as required. Function test BOP daily or on bit trips and log on tour report.
4. Pressure test casing to 600 psi with fresh water after WOC for eight (8) hours. Test pressure must be held for 30 minutes. Utilize a chart recorder while pressure testing. Report to Tulsa office if pressure drops more than 10% (60 psi).

## III. 1,800' to 5,110' (7-7/8" Hole):

**Overview**

This section of hole will be drilled with 7-7/8" bits from 1,800' to 5,110' (TD). At 3,300 circulation through the reserve pit will cease and will continue through the working pits. Mud up will occur at approximate 3,300' where 3 to 5% oil will be added and maintained to total depth. The "Abo Mud" and is typically used because of the sensitivity of the Abo shale to the water phase of the mud.

A. TIH with 7-7/8" bit and BHA. If 8-5/8" casing contingency string has been run WOC a minimum of eight (8) hours before drilling out. Drill out insert float, cement and guide shoe after pressure testing casing.

B. Drill 7-7/8" hole to TD at 5,110'. Survey as needed (±500'). Limit deviation to 1 deg/100'; maximum 1.5 deg at TD. Coordinate survey timing with trips. Strap drill pipe out on first trip below surface csg. Wipe hole every ±5 hours or as needed. NOTE: Mud loggers are to continue logging with samples to be taken every 10' to 3,400'. Then every 5' to TD.

| MUD PROGRAM | | | | |
|---|---|---|---|---|
| **FLUID TYPE: Confine circulation to working pits. Discontinue the use of Lime and begin adding caustic soda to maintain pH. Mix saltwater gel for viscosity and starch for filtration control. Add 3-5% oil to the system and maintain this concentration to total depth. Maintain fluid properties consistent with the table below.** | | | | |
| **Depth** (feet) | **Mud Weight** (PPG) | **Funnel Viscosity** (sec/1000cc) | **Water Loss** (cc's) | **pH** |
| 3,300-5,110 | 9.9 - 10.3 | 40 - 45 | 12 or less | 9 - 10 |

*NOTE: The above parameters should be used as a guide only and adjusted as hole conditions dictate. Mud engineer will keep a service report, cost record and material inventory daily. Reports are to be prepared & faxed to Tulsa daily by 7:00 am (Tulsa time).*

C. At TD (5,110'), circulate bottoms up, make wiper trip, circulate and condition hole. Then trip out of hole while measuring drill pipe. Monitor hole to detect any swabbing action. If hole is not taking proper amounts of fluids, trip back in hole and circulate bottoms up. Trip out of hole to log.

D. Rig up loggers and run open hole logs as follows:

*Dual Laterolog / GR/ Microspher Focused Log / Caliper* *TD to Surface Casing*

Spectral Density / Dual Spaced Neutron TD to Surface Casing

While out of hole logging, continually monitor flow line for flow.

E. Trip in hole to circulate and condition mud while waiting on orders to run casing or plug and abandon.

F. If orders are received to plug and abandon, call New Mexico OCD in Artesia, NM at (505 748 1283) to obtain plugging requirements. Trip out of hole and lay down drill collars. Trip in hole open-ended to spot cement plugs as directed by the OCD.

G. If production casing is to be run trip out of hole and lay down drill pipe and drill collars

H. Production Casing Preparation ( 4-1/2"):

1. Full-length drift to API specs (3.875" for 11.6 lb/ft).
2. Clean threads and visually inspect body and threads.

3. Measure and record pipe length with threads off.

I. Running Production Casing:

1. Rig up casing crew and run 4-1/2" 11.6 lb/ft K-55 ST&C csg as follows:
   a. Float shoe
   b. 2 joints 4-1/2"
   c. Float collar
   d. Remainder of 4-1/2" csg
   e. Install one centralizer on each of the first two collars and then on every other collar through 200' above pay zone.
   f. Use thread-lock compound on Float shoe through Float collar.

2. Casing Properties:

| | K-55 |
|---|---|
| Body OD | 4.50" |
| ID | 4.000" |
| Drift ID | 3.875" |
| Coupling OD | 5.563" |
| Minimum Make up torque | 1,280 ft-lbs. |
| Optimum Make up torque | 1,700 ft-lbs. |
| Maximum make up torque | 2,130 ft-lbs. |
| Collapse | 4,960 psi |
| Burst | 5,350 psi |
| Connection | 170,000 lbs. |
| Body Yield | 184,000 lbs. |

3. Circulate twice the annular hole volume or until hole cleans up (whichever comes later) prior to cementing.

J. Cement Production Casing:

NOTE: Cement mixing water must be analyzed for compatibility prior to the cement job. Pilot and bulk blend tests with well site water are required to be run by the cementing company. *FAX test results to Vintage: attn: Gus Gustafson - Fax No. (918) 584-7282.*

1. RU cementing company equipment.
2. Obtain one dry and one wet sample during each stage of the cement job - confirm slurry weights throughout the cement job with independent mud scales.
3. Mix and pump the following:
   a. Lead Slurry: Scavenger Cement (mixed at 11.5 ppg) with ± 25 sacks 50/50 Pozmix Premium + 0.1% FWA (Free water control) + .6% HALAD-322 (fluid loss) mixed with Fresh Water.

b. Tail Slurry: Cement (mixed at 14.15 ppg) with ± 435 sacks 50/50 Pozmix Premium + 0.1% FWA (Free water control) + .6% HALAD-322 (fluid loss) mixed with Fresh Water.

*NOTE: Actual cement volumes to be determined by hole caliper and well conditions. Sufficient cement will be pumped to bring TOC to 500' above the uppermost producing interval. Displacement fluid volume with casing set at 5,105' is estimated to be 78.64 Bbl water at 8.34 ppg.* DO NOT OVERDISPLACE by more than 1% of theoretical volume.

4. Cement Properties:

| | LEAD | TAIL |
|---|---|---|
| Weight of slurry (ppg): | 11.70 | 14.80 |
| Yield (cu. ft./sk): | 3.01 | 1.34 |
| Water required (gal/sk): | 17.79 | 6.31 |
| Pump time for slurry: (HH: MM): | 5:30 | 2:25 |
| Fluid Loss @ 1000 psi/160 F (cc/30 min) | — | — |
| Compressive strength: | | |
| 12 hrs @ 117 deg F (psi) | 800 | 1,000 |
| 24 hrs @ 117 deg F (psi) | 1,200 | 2,300 |

5. Clean cement lines prior to displacement. Displace 4-1/2" csg to float collar with fresh water. Maximum pressure on 4-1/2" csg = 4000 psi.
6. Wait on cement eight (8) hours. Clean mud pits
7. Pick up BOP stack and land 4-1/2" csg in slips with full string weight.

K. Nipple Up:

1. Cut off 4-1/2" csg.
2. NU 11" 3M x 7-1/16" 3M tubing head and test to 3000 psi. Install 7-1/16" 3M x 2-3/8" EUE 8rd flange.
3. Release drilling rig.

## IV. GEOLOGICAL MARKERS:

| Formation Tops | Estimated Depth, ft |
|---|---|
| San Andres | 470' |
| Glorieta | 1,325' |
| Yeso | 1,425' |
| Tubb | 2,990' |
| Drinkard | 3,195 |
| Abo | 3,460 |
| Hueco | 4,040 |
| Penn | 4,305 |
| Pre-Cambrian | 5,105' |

## V. GENERAL PROCEDURES:

Blowout Prevention:

1. Function test BOPE daily or on bit trips and log on tour reports.
2. Once each day, check and record on morning report the pump pressures for both the main and standby pumps at 30 spm and at normal operating rates.
3. Hole to be kept full at all times. On trips, do not pull more than 5 stands of drill pipe or 2 stands of drill collars without filling the hole.

Bottom Hole Assembly and Depth Measurements:

1. An accurate drill pipe tally and BHA diagram (including lifters) will be maintained at all times. The drill string will be measured out of the hole at total depth.
2. All depth measurements will be from Kelly Bushing. Distance from KB to ground level and to csg head flange will be recorded on morning and tour reports.
3. Drill string will be strapped out of hole on last trip prior to reaching the anticipated target formation and prior to logging runs.

Miscellaneous:

1. A wiper rubber is to be used on all trips in and out of the hole.
2. No smoking allowed on rig floor or around mud pits.
3. No fires allowed on location.
4. All refuse to be placed in garbage bins and not in the pits.

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

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

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

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

# OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code | Pool Name |
|---|---|---|
| | | |

| Property Code | Property Name | Well Number |
|---|---|---|
| | THOMPSON CANYON RANCH | 1 |
| **OGRID No.** | **Operator Name** | **Elevation** |
| | VINTAGE PETROLEUM, INC. | 4571 |

### Surface Location

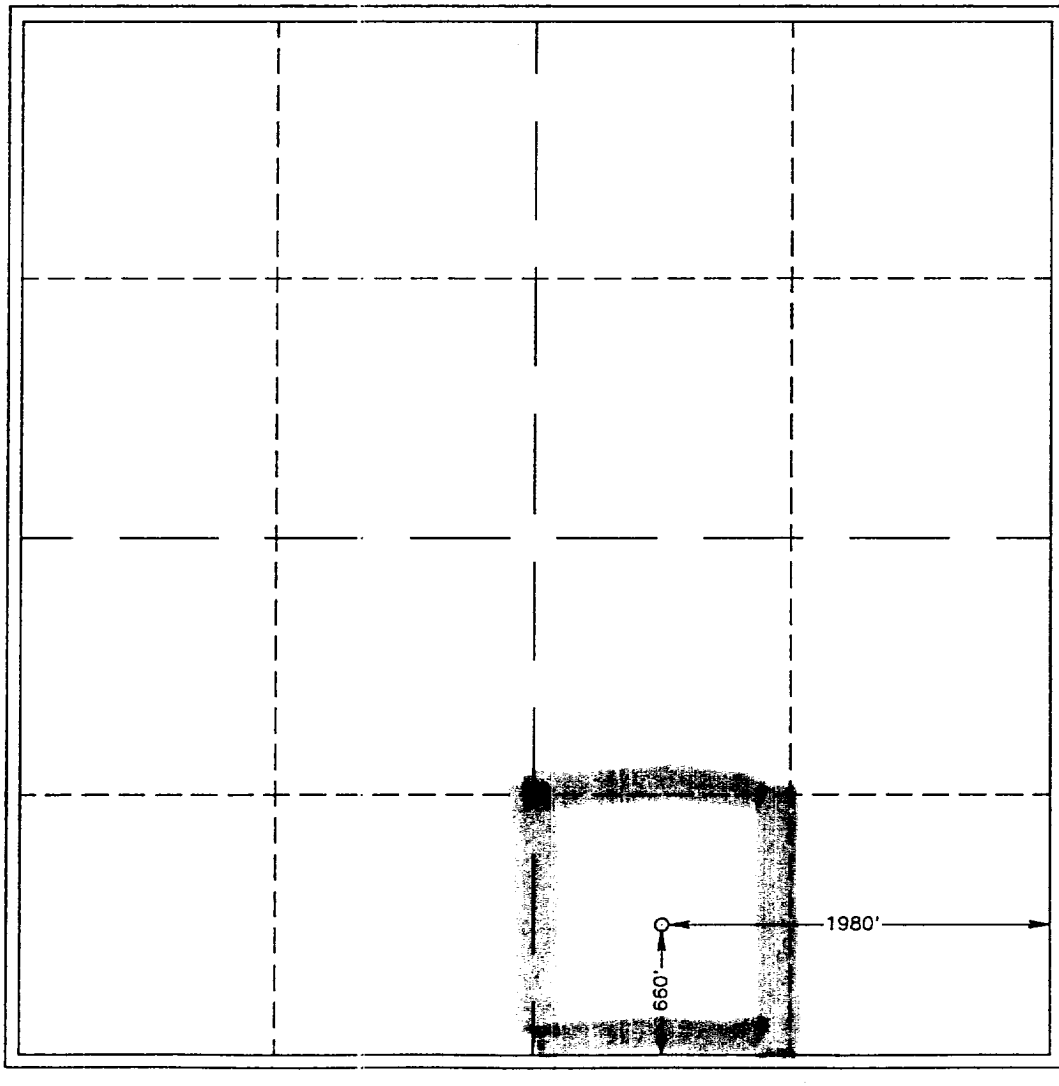
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---|---|---|---|---|---|---|---|---|
| O | 31 | 4 S | 23 E | | 660 | SOUTH | 1980 | EAST | CHAVES |

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|---|---|---|---|
| 40 | | | |

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




### OPERATOR CERTIFICATION

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

Vann A. Greeson
Signature

Vann A. Greeson
Printed Name

Regulatory Specialist
Title

7/6/99
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 supervison, and that the same is true and correct to the best of my belief.*

JUNE 10, 1999
Date Surveyed JLP

Signature & Seal of Professional Surveyor
RONALD J. EIDSON
NEW MEXICO
3239
REGISTERED PROFESSIONAL SURVEYOR

Ronald J. Eidson 6-15-99

W.O. Num. 99-11-0502

Certificate No. RONALD J. EIDSON 3239
GARY L. EIDSON 12641
JOHN W. McDONALD 12185

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

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

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

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State of New Mexico
Energy, Minerals and Natural Resources Department

# OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code | Pool Name |
|---|---|---|
| | | |

| Property Code | Property Name | Well Number |
|---|---|---|
| | THOMPSON CANYON RANCH | 1 |
| OGRID No. | Operator Name | Elevation |
| | VINTAGE PETROLEUM, INC. | 4571 |

### Surface Location

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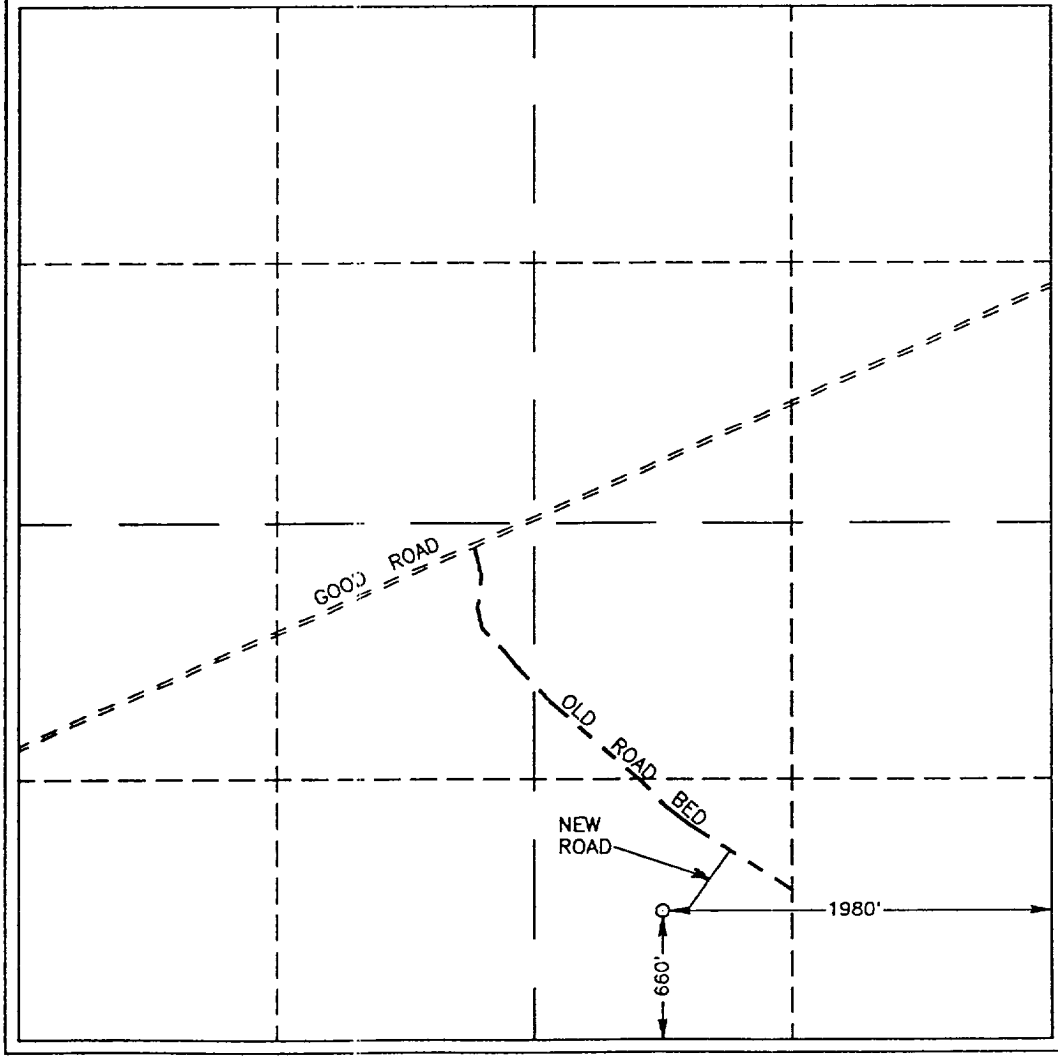
### Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| 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




### OPERATOR CERTIFICATION

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

Vann A. Greeson
Signature

Vann A. Greeson
Printed Name

Regulatory Specialist
Title

7/6/99
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 supervison, and that the same is true and correct to the best of my belief.*

JUNE 10, 1999
Date Surveyed JLP

Signature & Seal of Professional Surveyor

W.O. Num. 99-11-0502

Certificate No. RONALD J. EIDSON, 3239
GARY G. EIDSON, 12641
MACON McDONALD, 12185