

AP-41

Kirkpatrick Oil

Stanford #1-17

ARTIFICIAL PENETRATION (AP) SCHEMATIC

Plant: OG&E
Map ID #: AP-41
Orig. Operator: Kirkpatrick Oil
Curr. Operator: --
Lease / Well #: Stanford #1-17
Location: Sec. 17-9N-4W
TD: 9,338 ft.
Date Drilled: 8/2003
Drilling Method: Rotary

API: 087-21695

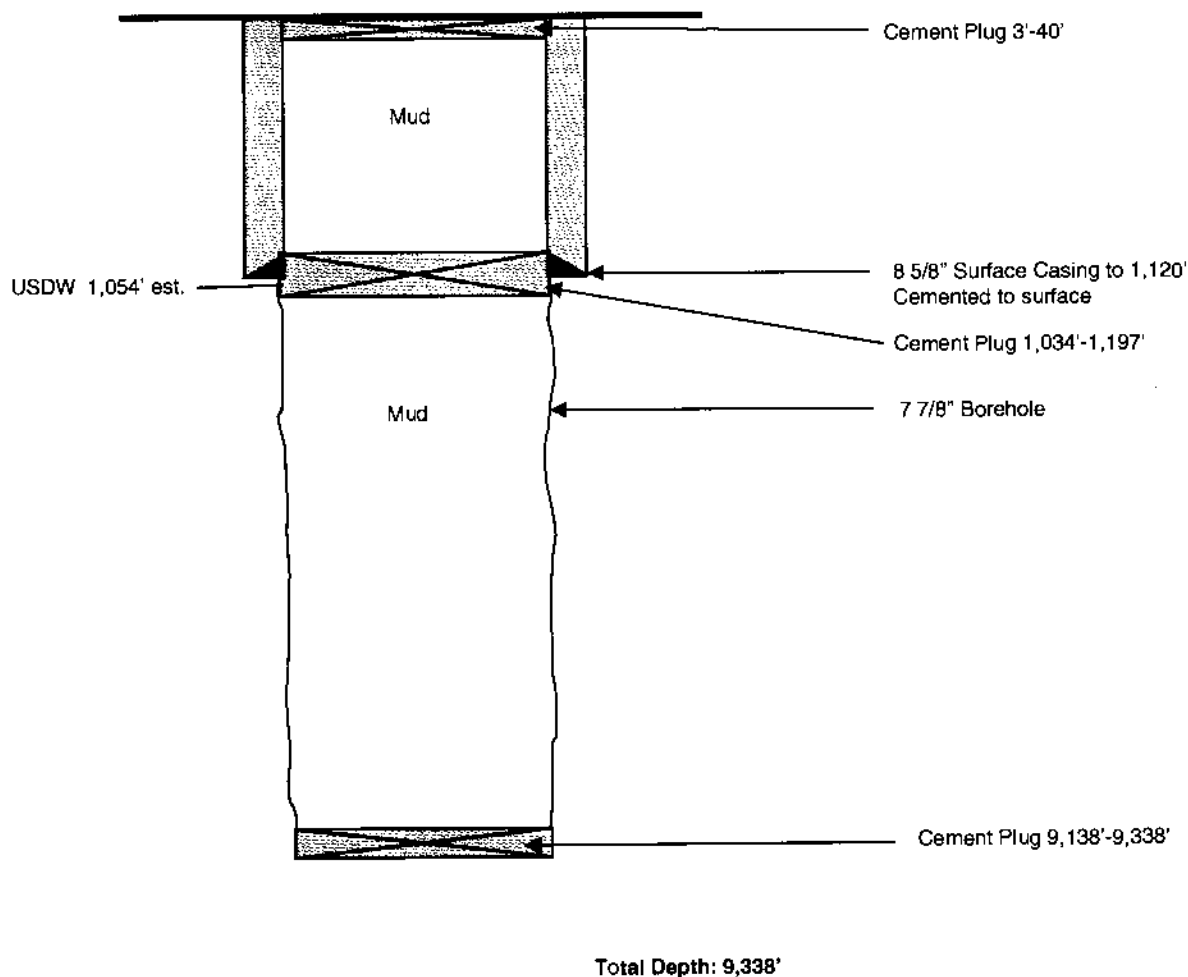
Status: D & A

Date Plugged: 8/22/2003

Distance to WDW-1: 9,730 ft.

Map I.D. #: AP-41

Drawing not to scale



API NO.
087-21695A
OTC PROD UMT NO.
None

Rule 155-10-3-25

☒ ORIGINAL

AMENDED

Reason Amended

1721

COMPLETION REPORT
OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000

309092003

Form 1002A
Rev 2001

PLEASE TYPE OR USE BLACK INK ONLY

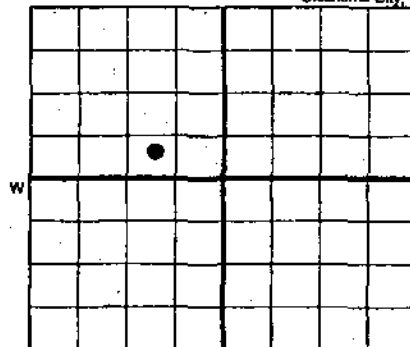
NOTE: Attach copy of original 1002A if recompletion or reentry

TYPE OF DRILLING OPERATION

STRAIGHT HOLE ☒ DIRECTIONAL HOLE _____ HORIZONTAL HOLE _____

If directional or horizontal, see reverse for bottom hole location.

| | | | |
|--|------------------------------|-----------------------|-----------|
| COUNTY McCain | SEC 17 | TWP 9N | RGE 4W |
| LEASE NAME Stanford | WELL NO. 1-17 | | |
| SHL NE 1/4 SW 1/4 SE 1/4 NW 1/4 440' FSL 1870' FWL OF 1/4 SEC | | | |
| ELEVATION Derrick Fl 1288' | Ground 1276' | SPUD DATE 2-Aug-03 | |
| ORLG FINISHED 20-Aug-03 | WELL COMPLETION 23-Aug-03 | | |
| 1ST PROD DATE N/A | RECOMP DATE N/A | | |



LOCATE WELL

| | |
|--|-------------------------------|
| OPERATOR NAME Kirkpatrick Oil Company, Inc. | OTC/OCC OPERATOR NO. 18782 |
| ADDRESS P.O. Box 268822 | |
| CITY Oklahoma City | STATE OK |
| ZIP 73126 | |

| |
|--|
| COMPLETION TYPE |
| SINGLE ZONE |
| MULTIPLE ZONE ORDER NO. |
| COMINGLED ORDER NO. |
| LOCATION EXCEPTION ORDER NO. 478444 |
| INCREASED DENSITY ORDER NO. |
| PENALTY |

| OIL OR GAS ZONES FORMATIONS | TOP | BOTTOM |
|-----------------------------|-----|--------|
| | | |
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| | | |

CASING & CEMENT (Form 1002C must be attached)

| TYPE | SIZE | WEIGHT | GRADE | FEET | PSI | SAX | FILLUP | TOP |
|--------------|--------|--------|-------|----------|----------|-----------|--------|---------|
| Conductor | 20" | | | 60' | | 7 1/2 yds | 60' | Surface |
| Surface | 8 5/8" | 24.0 | J-55 | 1137.19' | 1000 psi | 575 ax | 1120' | Surface |
| Intermediate | | | | | | | | |
| Production | | | | | | | | |
| Liner | | | | | | | | |

PACKER @ N/A BRAND & TYPE TOTAL DEPTH 9338'

PLUG @ TYPE

| | |
|--|-----------------|
| FORMATION | Lower Penn |
| SPACING & SPACING ORDER NUMBER | 840 acres 88520 |
| CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp | Dry |
| PERFORATED INTERVALS | None |
| ACID/VOLUME | |
| Fracture Treated? | |
| Fluids Amounts | |

INITIAL TEST DATA

| | |
|--------------------------|-----|
| INITIAL TEST DATE | N/A |
| OIL-BBL/DAY | |
| OIL-GRAVITY (API) | |
| GAS-MCF/DAY | |
| GAS-OIL RATIO CU FT/BBL | |
| WATER-BBL/DAY | |
| PUMPING OR FLOWING | |
| INITIAL SHUT-IN PRESSURE | |
| CHOKE SIZE | |
| FLOW TUBING PRESSURE | |

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

| | |
|---------------------------------------|---|
| SIGNATURE <i>Robert L. Cooksey</i> | NAME (PRINT OR TYPE) Robert L. Cooksey |
| P.O. Box 268822 | Oklahoma City OK 73126 |
| ADDRESS | CITY STATE ZIP |
| Aug. 5, 2003 | (405) 840-2882 |
| DATE | PHONE NUMBER |

PLEASE TYPE OR USE BLACK INK ONLY
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

LEASE NAME Stanford

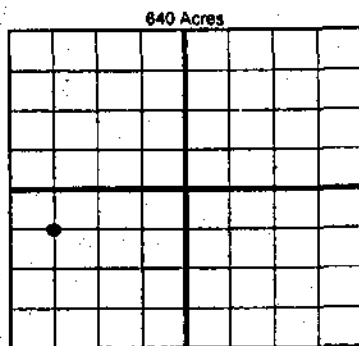
WELL NO. 1-17

| NAMES OF FORMATIONS | TOP | BOTTOM |
|---------------------|-------|--------|
| Tonkawa | 6810' | 6956' |
| Upper Cottage Grove | 7370' | 7420' |
| Cottage Grove Sand | 7620' | 7726' |
| Lower Layton | 7830' | 7924' |
| Oswego | 8640' | 8648' |
| Prue Sand | 8648' | 8716' |
| Vardigris Lime | 8827' | 8830' |
| Upper Skinner | 8848' | 8878' |
| Hart Sand | 8898' | 8988' |
| Pink Lime | 9122' | 9132' |
| Osborn Sand | 9150' | 9160' |
| Inels Lime | 9228' | 9236' |
| Total Depth | 9338' | |

| | | |
|--------------------------------|-------------|-------------------------------|
| APPROVED <i>[Signature]</i> | DISAPPROVED | FOR COMMISSION USE ONLY |
| | | 1) ITD Section |
| | | a) No Intent to Drill on file |
| | | 1) Send warning letter |
| | | 2) Recommend for contempt |
| | | 2) Reject Codes |
| | | |
| | | |
| | | |
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| | | |

| | | |
|--|---|--|
| Were open hole logs run? | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
| Date last log was run | 8/21/2083 | |
| Was CO ₂ encountered? | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no at what depths? |
| Was H ₂ S encountered? | <input type="checkbox"/> yes | <input checked="" type="checkbox"/> no at what depths? |
| Were unusual drilling circumstances encountered? | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | |
| If yes, briefly explain. | | |
| | | |
| | | |
| | | |

| |
|----------------|
| Other remarks: |
| |
| |
| |



If more than two drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth.

Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

BOTTOM HOLE LOCATION

| | | | |
|--|--------|--|----------------|
| SEC 17 | TWP 9N | RGE 4W | COUNTY McClain |
| Spot Location 1/4 1/4 NW 1/4 SW 1/4 | | Feet From Quarter Section Lines 1921' FSL 662' FWL | |
| Measured Total Depth 9338' | | True Vertical Depth 8996' | |
| BHL From Lease, Unit, or Property Line: 1921' FSL, 862' FWL Sec 17 T9N R4W | | | |

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (DRAINHOLES)

| | | | |
|-------------------------------|-----|---|--|
| SEC | TWP | RGE | COUNTY |
| Spot Location 1/4 1/4 1/4 1/4 | | Feet From Quarter Section Lines FSL FWL | |
| Depth of Deviation | | Radius of Turn | Direction |
| Measured Total Depth | | True Vertical Depth | End Pt Location From Lease, Unit or Property Line: |

DRAINHOLE #2

| | | | |
|-------------------------------|-----|---|--|
| SEC | TWP | RGE | COUNTY |
| Spot Location 1/4 1/4 1/4 1/4 | | Feet From Quarter Section Lines FSL FWL | |
| Depth of Deviation | | Radius of Turn | Direction |
| Measured Total Depth | | True Vertical Depth | End Pt Location From Lease, Unit or Property Line: |

TYPE OR USE BLACK INK
SEE REVERSE FOR INSTRUCTIONS

OKLAHOMA CORPORATION COMMISSION
Oil and Gas Conservation Division
Post Office Box 52000-2000
Oklahoma City, Oklahoma 73152-2000

1002A-NO
Picard-NO

Form 1003/1003C
(Rev. 1998)

API NO. 087-21695 A
OTC PROD. UNIT NO. None
PLUGGING DATE 8-22-2003

PLUGGING RECORD
OAC 165.10-11-7

402259500

Well Name/No. STANFORD 1-17
Location NE 1/4 SW 1/4 SE 1/4 NW 1/4 Sec 17 Twp 9N- Rge 4W
440' F.F.S.L. of 1/4 Sec 670' F.F.W.L. of 1/4 Sec
Total Depth 9338' Base of Treatable Water 1050' County McCLAIN
Well Classification Dry

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
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OPERATOR
Name KIRKPATRICK OIL COMPANY OTC/OCC No 19792
Address P.O. Box 268822 Phone (405) 840-2882
City Oklahoma City State OK Zip 73126

PIPE RECORD

| Size | Run (ft) | Pulled (ft) | |
|---------------|--------------|-------------|-----------|
| <u>20"</u> | <u>60'</u> | <u>0'</u> | Conductor |
| <u>20"</u> | <u>60'</u> | <u>0'</u> | Surface |
| <u>8 5/8"</u> | <u>1120'</u> | <u>0'</u> | IC |
| | | | IC |
| | | | P.C. |
| | | | Ln. |
| <u>None</u> | <u>Set</u> | | |

PERFORATION DEPTHS

| | | | |
|---------|------|-------------|----|
| Set 1 - | From | <u>None</u> | To |
| Set 2 - | From | | To |
| Set 3 - | From | | To |
| Set 4 - | From | | To |

| Plug | Type of Plug | Hole Size or Pipe Size | Depth | No. Sacks Cement | Slurry Volume | Calculated TOC | Measured Top of Plug |
|------|--------------|------------------------|-------|------------------|---------------|----------------|---------------------------|
| 1 | CEM | 7.875" | 9338' | 90 | 106.2 | 9138' | RECEIVED |
| 2 | CEM | 12" | 1197' | 80 | 94.4 | 1134' | OKLAHOMA CORP. COMMISSION |
| 3 | CEM | 8.625 24# CSG | 1134' | 30 | 35.4 | 1034' | SEP 04 2003 |
| 4 | CEM | 8.625 24# CSG | 40 | 12 | 14.1 | 3' | DISTRICT III |
| 5 | | | | | 0 | | DUNCAN |

REMARKS

Not economic to set production casing

Reason for Plugging

CEMENTER CERTIFICATION

I certify that the cement plugs were placed in this well as shown on this report, per O.C.C. instructions. The cementing was performed by me or under my direct supervision. I certify all cementing data is true, correct and complete.

Signature [Signature] Date 8/22/2003 Name and Title Typed or Printed Tim "Sarge" Bailey-Servis Supervisor
Company Name Halliburton Energy Services Permit No. 520
Address Route 3 Box 1A Phone 800-769-5898
City Duncan State Oklahoma Zip 73533

OPERATOR CERTIFICATION

I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that I have knowledge of the well data and information presented herein, and that data and facts presented are true, correct, and complete to the best of my knowledge. This covers all well data and information presented herein.

Signature [Signature] Date 8-22-03 Name and Title Typed or Printed Steven C. Altman, Consulting Engineer

CORPORATION COMMISSION USE ONLY

By signing this form, the District Manager has approved the contents thereof as to form only. Said District Manager does not warrant the facts provided by the operator are true or that the operator has properly plugged the described well.

Signature of District Manager [Signature] 2-18-04 Field Inspector Dennis M. Darragh

INSTRUCTIONS

1. Form must be completed in its entirety and mailed to the appropriate District Office within 30 days after plugging is completed.
2. Send original and one (1) copy.
3. Type or use BLACK ink only. **This form is for record and must be legible.**
4. API No. must be on form. To get an API No. call IHS at (405) 232-2722.
5. In specifying the type of plug use the following notations:
 CIBP - cast iron bridge plug
 CEM - cement plug
 CIBP + CEM - cast iron bridge plug and cement
 Pxr - packer.
 If other abbreviations are used, please define.
6. Cement plugs shall be placed in the well bore as required by the Rules of the Commission plus any additional plugs as may be specified by the District Manager or his representative, where unusual local conditions exist. (OAC 165:10-11-6)
7. The minimum amount of cement normally used in each plug in the open hole shall be a slurry volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which the plug is placed.
8. A minimum 30 foot cement plug is required to be placed in the top of the well. (OAC 165:10-1-)

DISTRICT I
 115 West 6th Street
 Post Office Box 779
 Bartow, OK 74010
 (918) 367-3396

DISTRICT II
 191 South 6th Street
 Post Office Box 1107
 Kingfisher, OK 73750
 (405) 375-5570

DISTRICT III
 1016 Maple
 Post Office Box 1525
 Duncan, OK 73533
 (405) 255-0103

DISTRICT IV
 703 North Broadway
 Ada, OK 74820
 (405) 332-3441

FOR COMMISSION USE ONLY

| Approved | Rejected | Approved | Rejected |
|----------|--|----------|--|
| _____ | _____ 1. API No. invalid. | _____ | _____ 10. Record of pipe pulled incomplete. |
| _____ | _____ 2. Legal Description invalid for County. | _____ | _____ 11. Well location does not match plat. |
| _____ | _____ 3. Operator No. missing/invalid. | _____ | _____ 12. Treatable water depth missing. |
| _____ | _____ 4. Well location missing/invalid. | _____ | _____ 13. Perforation depths missing. |
| _____ | _____ 5. Well name missing. | _____ | _____ 14. Information on plug - operator. |
| _____ | _____ 6. Well No. missing. | _____ | _____ 15. Plugging description missing. |
| _____ | _____ 7. Plugging date invalid. | _____ | _____ 16. Plugging contractors name missing. |
| _____ | _____ 8. Well type missing/invalid. | _____ | _____ 17. Information on plug-cementing company. |
| _____ | _____ 9. Total depth missing/invalid. | _____ | _____ 18. other: _____ |

PERMIT TO DRILL

OTC/OCC Number: 19792-0

OKLAHOMA CORPORATION COMMISSION

PERMIT TO DRILLApproval Date: 05/29/2003
Expiration Date: 11/29/2003API Number: 087-21695

Notice of Intention To: DRILL

Type of Drilling Operation: DIRECTIONAL HOLE

Well Type: OIL/GAS

Well Location: Sec: 17 Twp: 09N Rge: 04W

County: MCCLAIN

Spot Location: NE4 SW4 SE4 NW4

Feet From: SOUTH 1/4 Section Line 440 Feet From: WEST 1/4 Section Line 1670

Feet from the nearest lease line: 1670

Lease Name: STANFORD

Well No: 1-17

Operator Name: KIRKPATRICK OIL COMPANY, INC.

TELEPHONE: (405) 840-2882

Operator Return Address

KIRKPATRICK OIL COMPANY, INC.

P.O. BOX 268822

OKLAHOMA CITY OK 73126

Surface Owner Address

JAMES E & IRENE E STANFORD

2932 NORTHWEST 16TH

NEWCASTLE OK 73650

Operation to Begin: 00/00/0000

Fresh Water Supply Well Drilled: NO

Surface Water used to Drill: YES

Formation Codes, Names, Depths, (Permit Valid For Listed Formations Only):

(1) 401PSLVL PENN LOW

8700

Spacing Order Numbers: 88520

Special Orders:

Pending CD Numbers: Location Exception Orders: Increased Density Orders:

| Total | Ground | Surface | Depth to base of Treatable |
|--------|-----------|---------|----------------------------|
| Depth: | Elevation | Casing: | Water-Bearing FM: |
| 9050 | 1283 | 1100 | 1050 |

PIT 1 INFORMATION:

Type of Pit System: ON-SITE

Type of Mud System:

WATER BASED

Expected Chloride Content of Pit:

Maximum 40000 PPM; Average 4000 PPM

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2 PIT

Pit Location is Bedrock Aquifer.

Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

Evaporation/Dewater and Backfilling of Reserve Pit.

PERMIT TO DRILL

OTC/OCC Number: 19792-0

OKLAHOMA CORPORATION COMMISSION

API Number: 087-21695

PERMIT TO DRILL

Approval Date: 05/29/2003
Expiration Date: 11/29/2003

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

Bottom Hole Location:

Sec 17 Twp 09N Rge 04W County MCCLAIN
Spot Location of End Point: CN2 SW4
Feet From: SOUTH 1/4 Section Line: 1980
Feet From: WEST 1/4 Section Line: 1320
Depth of Deviation:
Radius of Turn:
Direction:
Total Length:
Measured Total Depth: 9110
True Vertical Depth: 9050
End Point Location from Lease, Unit
or Property Line: 1320

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is Six Months, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (E)- The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

