

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 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. Crawley Petroleum Corporation 105 North Hudson, Suite 800 Oklahoma City, Oklahoma 73102		OGRID Number 145943
		API Number 30-025-32990
Property Code 17175	Property Name State 10	Well No. 1-10

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	10	18S	37E		1700	South	2300	West	Lea

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
Proposed Pool 1 Clearfork					Proposed Pool 2 Wildcat Abo				

Work Type Code N	Well Type Code 0	Cable/Rotary Rotary	Lease Type Code S	Ground Level Elevation 3700
Multiple No	Proposed Depth 7000	Formation Clearfork Abo	Contractor McGee Drilling	Spud Date ASAP

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	48	400	470	Surface
12-1/4	8-5/8	24	2000	810	Surface
7-7/8	5-1/2	15.5	7000	125	6000

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.

Please refer to attached "Drilling Program"

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

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

Signature:

Printed name:

Kelley J. Henley

Title:

Production Records Manager

Date:

6-1-95

Phone:

405-232-9700

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY

GARY WINK

Title:

FIELD REP. II

Approval Date:

JUN 13 1995

Expiration Date:

Conditions of Approval:

Attached ☐

C-101 Instructions

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.

- |  |  |    |  |
|--|--|----|--|
| 1  | Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.  | 18 | Geologic formation at TD   |
| 2  | Operator's name and address  | 19 | Name of the intended drilling company if known.  |
| 3  | API number of this well. If this is a new drill the OCD will assign the number and fill this in.   | 20 | Anticipated spud date.   |
| 4  | Property code. If this is a new property the OCD will assign the number and fill it in.  | 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 |
| 5  | Property name that used to be called 'well name'   | 22 | Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.   |
| 6  | The number of this well on the property.   | 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.                   |
| 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:<br>N New well<br>E Re-entry<br>D Drill deeper<br>P Plugback<br>A Add a zone   |    |  |
| 12   | Well type code from the following table:<br>O Single oil completion<br>G Single gas completion<br>M Multiple completion<br>I Injection well<br>S SWD well<br>W Water supply well<br>C Carbon dioxide well                              |    |  |
| 13   | Cable or rotary drilling code<br>C Propose to cable tool drill<br>R Propose to rotary drill  |    |  |
| 14   | Lease type code from the following table:<br>F Federal<br>S State<br>P Private<br>N Navajo<br>J Jicarilla<br>U Ute<br>I Other Indian tribe   |    |  |
| 15   | Ground level elevation above sea level   |    |  |
| 16   | Intend to multiple complete? Yes or No   |    |  |
| 17   | Proposed total depth of this well  |    |  |

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JUN 10 1988

OCD NOBBS  
OFFICE

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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

DISTRICT IV  
PO BOX 2088, SANTA FE, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
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Submit to Appropriate District Office  
State Lease - 4 Copies  
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 30-025-32990	Pool Code 96034	Pool Name Wildcat Abo
Property Code 17175	Property Name STATE "10"	Well Number 1
OGRID No. 143943	Operator Name CRAWLEY PETROLEUM CORPORATION	Elevation 3715

Surface Location

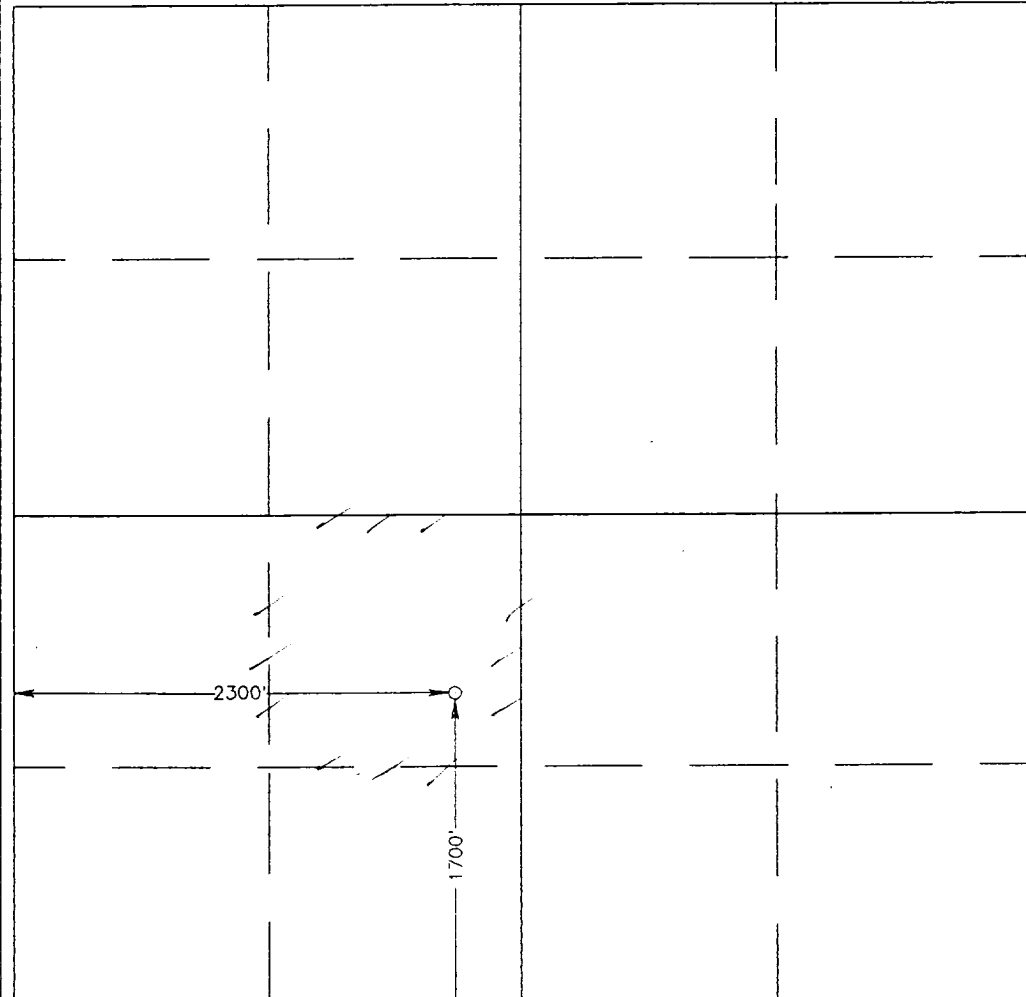
UL or lot No. K	Section 10	Township 18 S	Range 37 E	Lot Idn	Feet from the 1700	North/South line SOUTH	Feet from the 2300	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Kelley J. Henley</u> Signature</p> <p><u>Kelley J. Henley</u> Printed Name</p> <p><u>Production Records Mgr.</u> Title</p> <p><u>6/1/95</u> Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MAY 4, 1995</p> <p>Date Surveyed</p> <p><u>[Signature]</u> Signature &amp; Seal of Professional Surveyor</p> <p><u>W.C. Num 95-11-0697</u> W.C. Num</p> <p><u>JOHN W. WEST</u> Certificate No.</p> <p>676 3239 12641</p>

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JUN 10 1950

U.S. HOUSE  
OFFICE

State #1-10  
Drilling Program

Loc.: 1700' FSL & 2300' FWL, Sec. 10-18S-37E, Lea County, N.M.

Elev.: 3700' GL (est.)

Est. Formation Tops:

	Anhydrite	1800'
	Yates	2950'
	Queen	3800'
Abc	<del>Clearfork</del>	6850'
	TD	7000'

Mud Program:

- 0-400' Drill with fresh water, high viscosity gel/lime sweeps to clean hole, make wiper trip before setting 13 3/8" casing.
- 400-2000' Drill out with fresh water, gel/lime sweeps for hole cleaning, make short trip and circulate and condition hole before running casing, set casing through red bed.
- 2000-7000' Displace mud system with brine water, mud weight 10.1 ppg, starch and salt gel as needed for viscosity and water loss, reduce water loss to 10-12 cc/30 min from 6000'-TD, make short trip and circulate and condition hole before running pipe.

Casing Program:

- 0-400' Set 13 3/8", 48 lb/ft, H-40 casing at 400' in 17 1/2" hole, cement with 320 sx. Class "C" + 2% CC & .25 lb/sk cello-seal followed with 150 sx. class "C" + 2% CC, displace with fresh water, cement must circulate, WOC minimum of 8 hours, 500 psi compressive strength must be achieved before testing, test casing to 600 psi before drilling out.
- 0-2000' Set 8 5/8", 24 lb/ft, K-55, ST&C casing at 2000' in 12 1/4" hole, run guide shoe, insert float and 15 centralizers, make wiper trip before running casing, pump 40 bbls. mud flush and cement with 610 sx. lite(C) + 5% salt, 6% gel & 0.25 lb/sk cello-seal, followed with 200 sx "C" + 1% CC, circ. cement to surface, WOC minimum of 8 hours, pressure test casing and BOP equipment before drilling out.
- 0-7000' Set 5 1/2", 15.5 lb/ft, K-55, LT&C casing at 7000' in 7 7/8" hole, make short trip and C&C hole before running pipe, break circulation at 3500', pump 500 gal. WMW-1 and 500 gal. Surebond, cement with 125 sx. "C", displace with 2% KCL, bump plug and check for flowback.

### BOP Equipment:

- 1) NU annular preventer on 13 3/8" casing while drilling 12 1/4" hole.
- 2) NU 3000 psi BOP stack on 8 5/8" casing, stack to include pipe and blind rams and annular preventer, test rams and casing before drilling ahead. A company representative will witness testing.
- 3) BOP stack and choke and kill lines should be equipped as per API RP-53.
- 4) A trip valve should be on the rig floor and readily accessible at all times.
- 5) Make any necessary repairs before drilling ahead.

### Logging:

- 1) Mud logger from 5000' to TD.
- 2) Run dual laterolog from TD to 2000'. Density/Neutron from TD to 5000'.

### Surveys:

- 1) Take deviation surveys every 250' to TD.

### Reports:

Daily drilling reports should be telephoned or faxed to Crawley's Oklahoma City Office no later than 8:30 am on normal business days. The following numbers can be called on weekends, at night or as necessary:

Crawley Petroleum Office	(405) 232-9700 (office)
	(405) 239-6850 (fax)
Steve Stafford (Prod. Foreman)	(405) 225-5881 (home)
	(405) 243-8183 (mobile)
Dave Roddy (Engineer)	(405) 348-8173 (home)
Kim Hatfield (President)	(405) 557-1649 (home)

56/81/81

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JUN 05 1985  
JCD HOBBS  
OFFICE