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NEW MEXICO OIL CONSERVATION COMMISSION

OCT 13 '88

O.C.C.  
ARTESIAN OFFICE

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator OXY USA Inc.		8. Farm or Lease Name Polk "A" Com.
3. Address of Operator P. O. Box 50250, Midland, TX 79710		9. Well No. 1
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 2310 FEET FROM THE East LINE OF SEC. 17 TWP. 23S RGE. 28E NMPM		10. Field, and Pool, or Wildcat MKT 7 Loving Atoka
		11. County Eddy
		12. County
		13. County
		14. County
		15. County
		16. County
		17. County
		18. County
		19. County
		19A. Formation Atoka
		20. Retary or C.T. Compl. Unit
21. Elevations (Show whether DE, RT, etc.) 3027' GR		21A. Kind & Status Plug. Bond Required Blanket
		21B. Drilling Contractor Unknown
		22. Approx. Date Work will start After permit approval

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/8"	17-1/2"	48	400'	400 sacks	Circulated
9-5/8"	12-1/4"	36 & 40	5550'	3050 sacks	Circulated
7"	8-3/4"	23 & 26	11001'	800 sacks	7600'
	5" Liner	18	10652' - 12574'	150 sacks	

O.T.D. 12574' Shale, OPBTD 12171'. It is proposed to plug and abandon the Strawn Zone Perfs. and recompleate in the Atoka Formation in the following manner:

1. MIRU PU. Kill well w/produced wtr. ND tree, NU BOP. TOOH w/tbg.
2. TIH w/5" cement retainer on 2 3/8" tbg. Set retainer at 11130'. Pressure annulus to 1000#. Establish injection rate and pressure through Strawn perfs (11152' - 11158'). Mix and pump 75 sx Class H + 0.6% Halad-9. Attempt to displace cmt w/fresh water to acquire a squeeze pressure. Pull out of retainer and reverse excess cement to pit. TOOH w/tbg and SION.
3. TIH w/3 7/8" RB, 5" csg scraper, and 6-2 7/8" DC's on 2 3/8" tbg. Drill out cmt, pressure test csg to 1500#. FIH w/RB to 11700' and PU to 11680'. CHC and spot 75 gals 10% acetic acid. TOOH w/RB, csg scraper, DC's and tbg.

(Continued on reverse side.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed FA Vitram Title Dist. Oper. Mgr. - Production Date 10-11-88

(This space for State Use)

APPROVED BY Original Signed By Mike Williams TITLE DATE OCT 24 1988

CONDITIONS OF APPROVAL, IF ANY:

FOR 180 DAYS  
4/25/89  
UNDERWAY

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>OXY USA Inc.</b>		Lease <b>Polk "A"</b>		Well No. <b>1</b>
Unit Letter <b>B</b>	Section <b>17</b>	Township <b>23 South</b>	Range <b>28 East</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>2310</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3025.5</b>	Producing Formation <b>Atoka</b>	Pool <b>Undes. Loving Atoka North</b>	Dedicated Acreage: <b>320</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

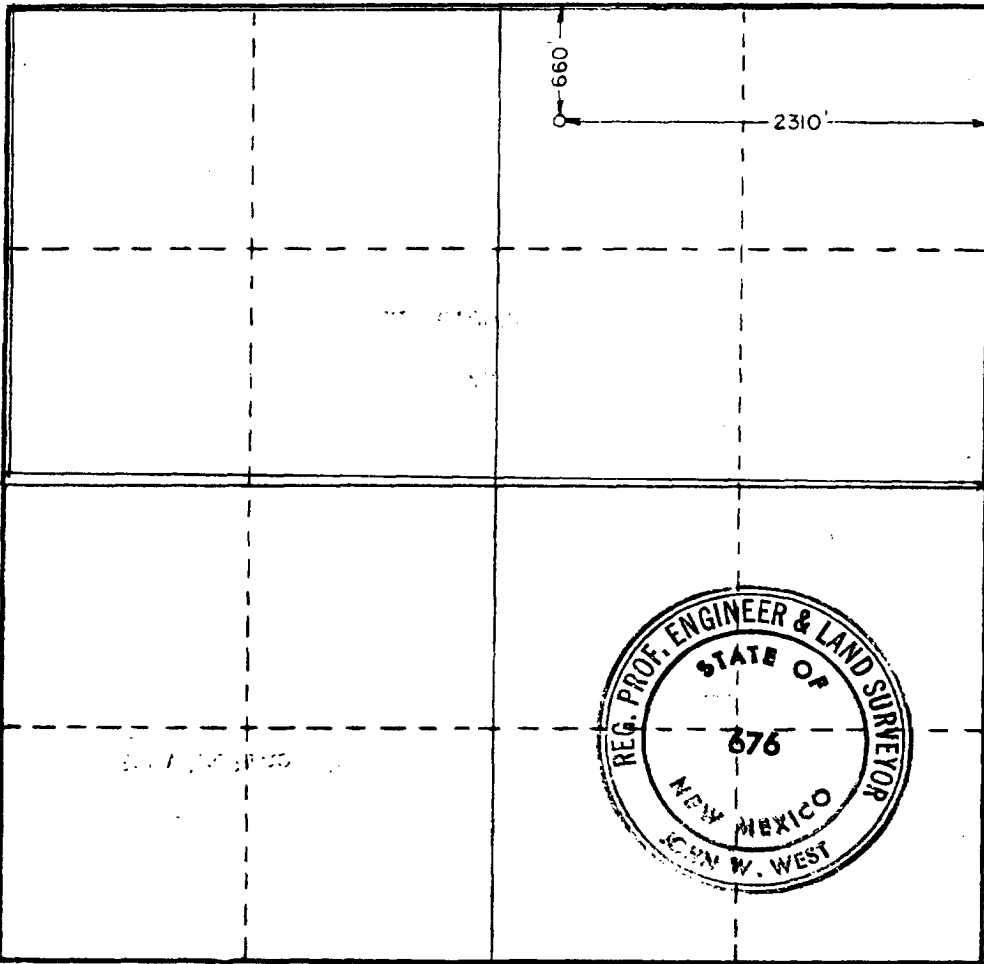
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

Name *John W. West*

Position Dist. Oper. Mgr. - Prod.

Company OXY USA Inc.

Date 10-11-88

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 knowledge and belief.

Date Surveyed October 26, 1977

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. 676

0 230 660 190 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

4. TIH w/1-5' - 2 3/8" muled shoe tbg sub, 5" x 2 3/8" Baker Lok-Set pkr w/on-off tool and 1.78" Model F profile nipple on 2 3/8" N-80 tbg to 11,500'. Circ hole w/4% KCl containing 3 gals per thousand Unichem Technihib 370 pkr fluid. Set pkr at 11,500'.
5. RU wireline, install lubricator, perforate Atoka 2/1-11/16" tbg gun and premium charges 2 JSPF at the following depths: 11500, 27, 28, 29, 11600, 31, 47, 48, 49, 50, 51, 52, 78, 79, 80. Total of 30 holes. Depth reference Schlumberger Compensated Neutron-Formation Density Log dated March 29, 1978.
6. Swab well in and test natural.
7. If necessary, install tree saver, pressure annulus to 1500#, acidize Atoka perms w/3000 gals 7 1/2% HCl (containing friction reducer, clay stabilizer, and corrosion inhibitor) w/1000 SCF N2 per bbl and 84 7/8" RCNBS. Maximum allowable treating pressure 8000#. Flush w/4% KCl wtr containing 1000 SCF N2 per bbl. SI well for 15 min. Open well on 16/64" choke, recover load, and test well.
8. RIH w/tandem BHP bombs w/5 day clocks and 10,000# gauges to 11,650'. SI well for 5 days for pressure buildup test. POOH w/bombs. TIH w/tandem BHT bombs w/24 hour clocks and 10,000# gauges to 11,650'. Run 4 point test. Put well on production.