

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

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

API NO. (assigned by OCD on New Wells)	30-015- <del>2040</del> 23394
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Simpson B (100)
8. Well No.	1
9. Pool name or Wildcat	Undes. Atoka

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☒

b. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER ☐

AUG 07 '89 SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator OXY USA Inc. ARTESIA, DECE

3. Address of Operator P.O. Box 50250 Midland, Tx. 79710

4. Well Location Unit Letter G : 1980 Feet From The North Line and 1980 Feet From The East Line

Section 20 Township 21S Range 27E NMMP Eddy County

10. Proposed Depth	10735'	11. Formation	Atoka	12. Rotary or C.T.	Compl. Ur.
13. Elevations (Show whether DF, RT, GR, etc.)	3208' GR	14. Kind & Status Plug. Bond	Required/Blanket	15. Drilling Contractor	Unknown
				16. Approx. Date Work will start	After Permit Approval

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	597'	600	Circulated
12-1/4"	8-5/8"	24#	3005'	1736	"
7-7/8"	5-1/2"	17-20#	11645'	950	7210'

TD 11645', Shale PBTD 11500'. It is proposed to plug the Morrow Perfs 11360' - 11482' and test the Atoka Formation in the following manner:

- MIRU PU. Kill well w/produced water. ND WH, NU BOP. TOO H w/Baker Lok-set pkr and 2-7/8" tbg.
- RIH w/4-5/8" RB, 5-1/2" csg scraper on 2-7/8" tbg, and CO to 11350'. RU Baker Tubular Services and run Baker Wellhead Scanalog while TOO H w/RB, csg scraper, and tbg.
- RU wireline. RIH w/CIBP on wireline and set @ 11320'. Dump 5 sx cmt (53') on top of CIBP. RD Wireline.

(Cont'd on Attachment)

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.

SIGNATURE David C. Timmermann TITLE Lead Petroleum Engineer DATE 8/4/89

TYPE OR PRINT NAME G.C. Timmermann (Prepared by David Stewart) TELEPHONE NO. 9156835571

(This space for State Use)

ORIGINAL SIGNED BY  
MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II

CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Attachment

OXY USA Inc.  
Simpson B #1  
Sec. 20 T21S R27E  
Eddy County, New Mexico

4. TIH w/treating pkr on 2-7/8" tbg and set pkr @ 11260'. Pressure test CIBP to 1500#. Release pkr, circ hole w/4% KCl in 10# brine wtr, pull pkr to 10734' and spot 250 gals 10% acetic acid. TOOH w/pkr and tbg.
5. RU perforators, install full 5000# lubricator, perforate Atoka formation (10534'-10734') w/premium charges 2 JSPF at the following depths: 10534', 36', 37', 82', 83', 85', 86', 10620', 69', 70', 71', 10731', 32', 33', 10734'. Total of 30 holes. Depth reference log Schlumberger Compensated Neutron Formation Density log dated November 18, 1980.
6. TIH w/1 - 4" x 2-3/8" mule shoed tbg sub, Schlumberger quick flow nipple, 5-1/2" Baker Lok-Set pkr w/on-off tool containing a 1.87" Baker Model F profile nipple, and 2-7/8" tbg. Set pkr @ +10400'. ND BOP, NU WH. Press csg to 1500#. Drop sinker bar to break quick flow disk. Test well natural. Record and report all rates and volumes.
7. If necessary, install tree saver, pressure annulus to 1500#, acidize Atoka perms (10534'-10734') w/6000 gals 7-1/2% NeFe HCl containing friction reducer, clay stabilizer, 45 - 7/8" RCNBS, and 1000 SCF N per bbl at 4 BPM (liquid rate) down 2-7/8" tbg. Flush w/4% KCl wtr containing friction reducer, clay stabilizer, and 1000 SCF N per bbl. Anticipated treating pressure 7500#, maximum treating pressure 8500#. SI well for 15 min. Open well on 16/64" choke, recover load, and test well. Record and report all volumes and rates.
8. RIH w/tandem BHP bombs w/7 day clocks and 6000# gauges to 10634' with well flowing. Flow well for one hour. SI well for 7 days for pressure build-up. Pull bombs, read charts, and re-run bombs if necessary.
9. RIH w/tandem BHP bombs w/24 hr clocks and 6000# gauges to 10634'. Run four point test.
10. RU wireline, set plug in Model F profile nipple. ND WH, NU BOP. Release on-off tool, PU on tbg and circ hole w/4% KCl wtr containing 3 gals per thousand Unichem Techni-hib 370 pkr fluid. FIH w/tbg and stab back into on-off tool. ND BOP. NU WH. Swab well down to profile nipple, RU wireline and retrieve plug. Put well on production.

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Fee Lease - 3 copies

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Energy, Minerals and Natural Resources Department

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Santa Fe, New Mexico 87504-2088

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P.O. Box 1980, Hobbs, NM 88240

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

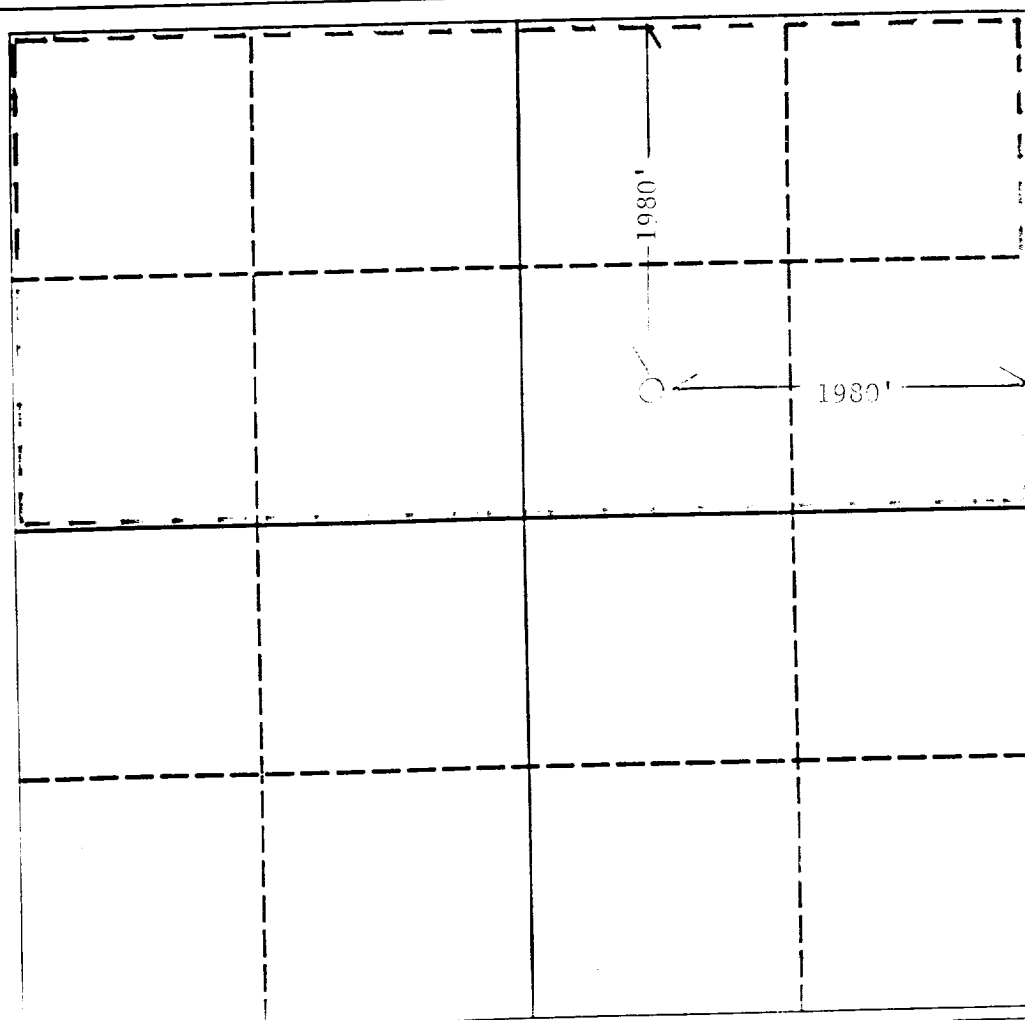
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator OXY USA Inc.		Lease Simpson B. 1000		Well No. 1
Unit Letter G	Section 20	Township 21S	Range 27E	County Eddy
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the East line				
Ground level Elev. 3208'	Producing Formation Atoka	Pool Undesignated	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature *G.C. Timmermann*

G.C. Timmermann

Printed Name

Lead Petroleum Engineer

Position

OXY USA Inc.

Company

8/4/80

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 knowledge and belief.

Date Surveyed

Signature & Seal of  
Professional Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0