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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 14-65

5A. Indicate Type of Lease: STATE [X] FEE [ ]

5. State Oil & Gas Lease No.: B-1557

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well: DRILL [ ] DEEPEN [ ] PLUG BACK [ ]
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [X]

7. Unit Agreement Name:

8. Farm or Lease Name: State C Tract 11

2. Name of Operator: Amoco Production Company

9. Well No.: 3

3. Address of Operator: P. O. Box 68, Hobbs, New Mexico 88240

10. Field and Pool, or Wildcat: Oil Center Glorietta

4. Location of Well: UNIT LETTER R LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 2 TWP. 21-S RGE. 36-E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
5500	Glorietta	

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3526' RDB	Blanket on file		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.3#	1302'	750 Sx	
8-3/4"	4-1/2"	10.5, 9.5#	7054'	1200 Sx	

Propose to test the Glorietta to form a Blinebry-Glorietta dual. Glorietta to flow up the annulus. Includes a Blinebry stimulation per the following:

Run a 24 hr productivity test on the currently Blinebry production in the subject well. Shut-in 24 hrs and perform a sonolog test to determine fluid level. Record tubing and casing pressure. Pull rods, pump, and 2-3/8" tubing. RIH with 2-3/8" tubing, treating packer, 1 joint tailpipe, and a RBP on bottom. Set RBP at 5500'. Set packer at 5100'. Perforate the Glorietta interval 5222'-5234' through tubing with a 1-11/16" decentralized hollow carrier gun utilizing 0° phasing and 4 JSPF. Swab and flow test. If the well will not flow or will flow only at low rates, proceed with Glorietta stimulation as follows:

a) Run a base gamma ray/temperature survey.
b) Acidize with 1500 gal of 15% NEFE-HCL with 1,000 SCF N2 per barrel acid. Pump at 1-2 BPM with a max pressure of 3500 PSI.
c) Flush to perfs with 22 bbl of 2% KCL water with 1000 SCF N2 per barrel.

O+5-NMOCD,H 1-HOU 1-F. J. Nash, HOU 1-CMH

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 Parker M. Jerrin Title Administrative Analyst Date 6-3-83

ORIGINAL SIGNED BY EDDIE SEAY
APPROVED BY OIL & GAS INSPECTOR TITLE DATE JUN 8 1983

CONDITIONS OF APPROVAL, IF ANY:

d) Run after treatment gar ray/temperature survey.

Swab back load to evaluate production. Moved out service unit. Flow test for 48 hrs at a stabilized rate. Run a 144 hr bottom hole pressure build up test. Use a 3500# bomb. Land bomb at 5230'. If time permits, take gradient stops at 5000', 4000', 3000', 2000', 1000', and surface following the build up. MISU and kill the well with 2% KCL water. Release the packer at 5100'. Drop down and release the RBP at 5500'. POH. RIH as follows: 5 jts 2-3/8" tailpipe with pump seating nipple on bottom, 4-1/2" Guiberson Uni VI packer, 1 jt tubing, sliding sleeve and 2-3/8" tubing to surface. Set packer at 5670'. Acidize the Blinebry gross interval 5702'-5985' down tubing with an average injection rate of 1-2 BPM and a maximum treating pressure of 1500 PSI as follows:

a) Acidize with 1210 gal of Amoco Chemicals' Super A-Sol (premixed A-Sol and Xylene) mixed with 300 gals of 28% HCL acid.
b) Flush to perfs with 23 bbl of 2% KCL water.
c) Swab back load.

Drop a plug in the seating nipple. Open the sliding sleeve. Swab the fluid from the tubing-casing annulus to initiate production from Glorietta. After all the fluid is swabbed off, close the sliding sleeve. Glorietta to be produced up the annulus. Pull the plug in the seating nipple. Run rods and pump and return Blinebry to production.

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	Lease	Well No.
Amoco Production Company	State C Tract 11	3

Unit Letter	Section	Township	Range	County
R	2	21-South	36-East	Lea

Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
	Glorietta	Oil Center Glorietta	160 Acres

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

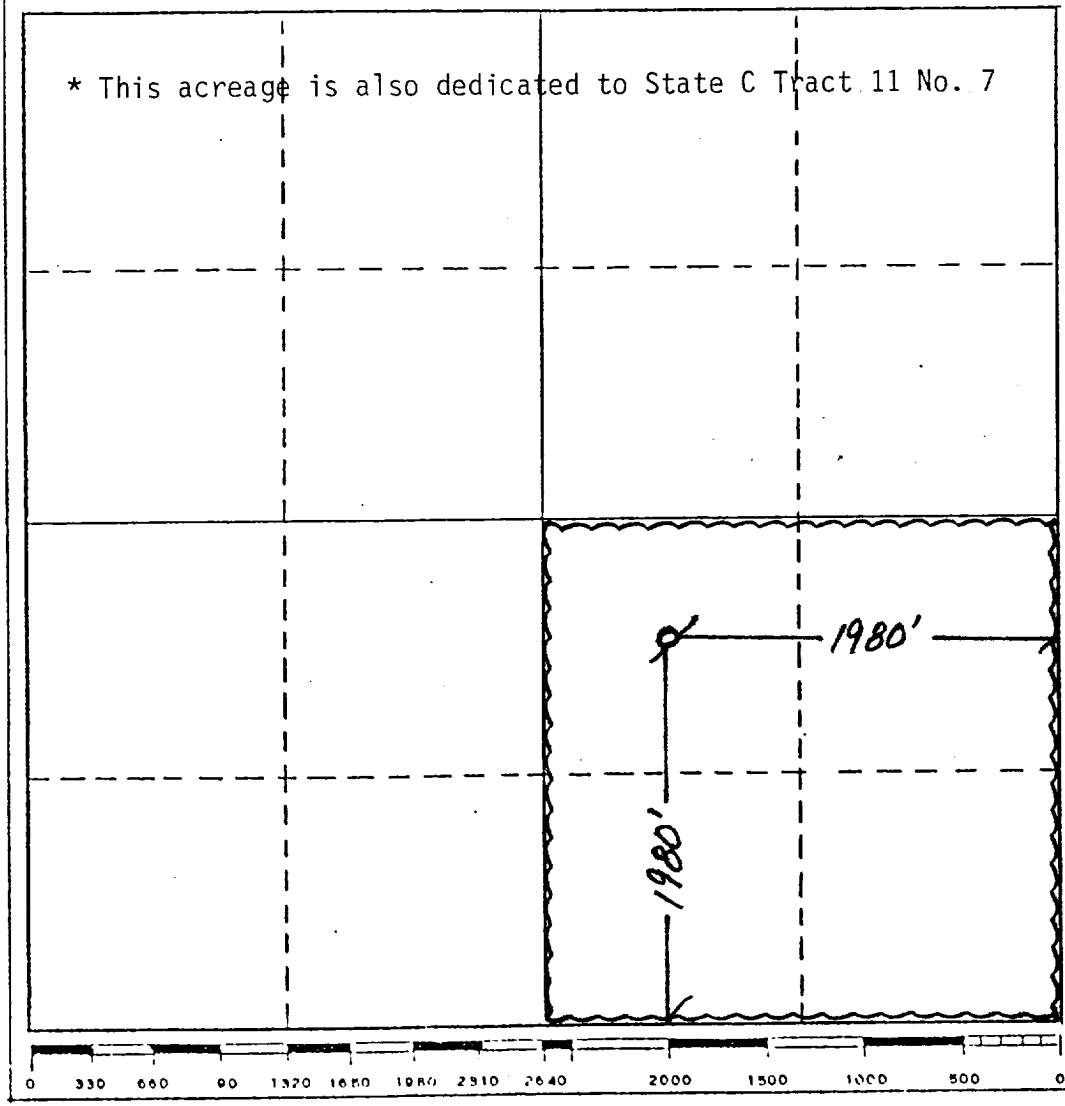
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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: Parker M. Sherry

Position: Administrative Analyst

Company: Amoco Production Company

Date: June 3, 1983

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.