

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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 checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator AMOCO PRODUCTION COMPANY		8. Farm or Lease Name Southland Royalty "A"
3. Address of Operator P. O. Box 68, Hobbs, NM 88240		9. Well No. 7
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>585</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>9</u> TWP. <u>21-S</u> RGE. <u>37-E</u> NMPM		10. Field and Pool, or Wildcat Blin-Drkd-Tubb
		12. County Lea
19. Proposed Depth 8600		19A. Formation Hare Simpson
20. Rotary or C.T. Rotary		
21. Elevations (Show whether Dr, RT, etc.) 3480' RDB	21A. Kind & Status Plug. Bond	21B. Drilling Contractor
		22. Approx. Date Work will start 6-15-87

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12.250	9.625	32.30	1331	580	Surface
8.750	7.000	20 & 23	7169	550	615'
6.125	5.500	15.50	8600		

Propose to cement squeeze Blinebry, Drinkard, and Tubb perforations and deepen well to the Hare Simpson formation at approximately 8600'. MI and RUSU. Lower tubing and check PBTD at 6636 and POH. Run cement retainer and set at 5550' and squeeze Blinebry, Drinkard and Tubb perms from 5660 to 6616' with 500 sx class C cement. POH and WOC. Drill out cement squeeze to 7125 and pressure test. Drill well from 6636 to base of Hare Simpson formation at approximately 8600'. Run CNL-FDC with gamma ray and DLL. Run 1500' of 5-1/2" 15.50# casing and liner hanger. Cement volumes to be calculated from logs. Perfs and stimulation volumes will be determined from logs.

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 O.M. Mitchell Title Sr. Admin. Analyst Date 6-2-87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____

DATE JUN 8 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.
workover

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 AMOCO PRODUCTION COMPANY			Lease Southland Royalty "A"		Well No. 7
Unit Letter A	Section 9	Township 21-S	Range 37-E	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 585 feet from the East line					
Ground Level Elev. 3480' RDB	Producing Formation Hare Simpson		Dedicated Acreage: 40 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
Maurice Mitchell

Position
Sr. Admin. Analyst

Company
AMOCO PRODUCTION COMPANY

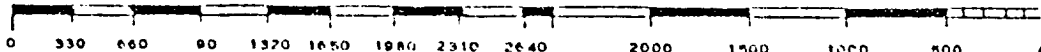
Date
6-3-87

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.



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JUN 4 1987

OCO
HOBBS OFFICE