

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)

30-025-07677

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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 ☐

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

7. Lease Name or Unit Agreement Name

B. L. Thorp

2. Name of Operator

Amoco Production Company

8. Well No.

10

3. Address of Operator

P. O. Box 3092, Houston, TX 77253

9. Pool name or Wildcat

Bowers Seven Rivers

4. Well Location

Unit Letter A : 660 Feet From The North Line and 990 Feet From The East Line

Section 10

Township 19-S

Range 38-E

NMPM

Lea

County

10. Proposed Depth

11. Formation

12. Rotary or C.T.

13. Elevations (Show whether DF, RT, GR, etc.)

3614' RDB

14. Kind & Status Plug Bond

15. Drilling Contractor

16. Approx. Date Work will start

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE

SIZE OF CASING

WEIGHT PER FOOT

SETTING DEPTH

SACKS OF CEMENT

EST. TOP

Change lease name from South Hobbs HSA Unit #69 to B L Thorp #10

Casing will remain the same.

Please refer to attachment for recompletion procedures.

Adequate BOP will be installed.

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

Kim A. Colvin

TITLE Asst. Admin. Analyst

DATE 9/27/91

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

ORIGINAL FILED IN OIL CONSERVATION  
DIVISION

APPROVED BY

TITLE

DATE

SEP 27 1991

CONDITIONS OF APPROVAL, IF ANY:



100  
100  
100



Lease: South Hobbs Unit Well No: 69 New Lease Name: B.L. Thorp New Well  
No: 10 Field: From San Andres to Bowers/7 Rivers Engineer: Terry Caldwell  
(ztac17) Flac(well): 924940 Location: Sec. 8, T-19S, R-38E

Reason for Workover: Well is currently shut in. It is intended to  
plug the San Andres zone and recompleate to the Bowers/7 Rivers zone  
to evaluate the waterflood potential and extent of this zone.

Procedure:

1. MI x RUSU. POH x RxPxTbg.
2. Run perforating depth control log (GR and collar locator)
3. Set CIBP @ 4100' x cap x 50' cmt.
4. Perf 3290'-3302', 3314'-3324', 3350'-3360', 3386'-3394' x  
4 jspf at 90 or 120 degree phasing x .5" diameter holes.
5. RIH x pkr x tbg to 3200'.
6. Frac Trmt: Down 2 7/8" tbg at 20 bpm:

Fluid: 29,000 gal Viking 11-30 (HPG) pumped volume  
containing per 1000 gallons Western Chemicals  
or other service company equivalent:  
167 pounds KCl  
30 pounds J-20 gelling agent  
2 gallons CL-2 Crosslinker  
2 gallons B-31 Breaker Catalyst  
2 gallons Nine-40 De-emulsifier w/ load recovery  
4 pounds B-5 breaker  
.35 pounds Frac-cide 20 biocide  
500 gal diesel in pad fluid loss control agent

Proppant: 42,000 pounds 20/40 white sand  
39,000 pounds 12/20 white sand

Schedule:

Pad: 10,000 gal fluid, no sand  
1,000 gal fluid, 1lb/gal 20/40 sand  
2,000 gal fluid, 2lb/gal 20/40 sand  
2,000 gal fluid, 3lb/gal 20/40 sand  
4,000 gal fluid, 4lb/gal 20/40 sand  
3,000 gal fluid, 5lb/gal 20/40 sand  
3,000 gal fluid, 5lb/gal 12/20 sand  
4,000 gal fluid, 6lb/gal 12/20 sand  
800 gal fluid, no sand

7. Shut well in over night.
8. Swb x clean up x recover load.
9. POH x pkr x RIH x tbg.
10. RIH x rxpx RDSU.



Submit to Appropriate  
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Fee Lease - 3 copies

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Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

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Santa Fe, New Mexico 87504-2088

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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 Amoco Production Company			Lease B. L. Thorp		Well No. 10
Unit Letter A	Section 10	Township 19-S	Range 38-E	County Lea	NMPM
Actual Footage Location of Well: 660 feet from the N line and 990 feet from the E line					
Ground level Elev. 3600	Producing Formation Seven Rivers		Pool Bowers Seven Rivers		Dedicated Acreage: 40 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 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.

			#10

OPERATOR CERTIFICATION

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

Signature

Kim A. Colvin

Printed Name

Kim A. Colvin

Position

Asst. Admin. Analyst

Company

Amoco Production Company

Date

10/9/91

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



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OCT 11 1961