

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)

30-025-06607

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

ARGO

2. Name of Operator

SHELL WESTERN E&P INC.

3. Address of Operator

P. O. BOX 576, HOUSTON, TX 77001-0576 (WCK 4465)

8. Well No.

11

9. Pool name or Wildcat

WILDCAT

4. Well Location

Unit Letter K : 2080 Feet From The SOUTH Line and 1650 Feet From The WEST Line

Section 15

Township 21S

Range 37E

NMPM

LEA

County

10. Proposed Depth

7891'

11. Formation

GRAYBURG

12. Rotary or C.T.

ROTARY

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

3449' DF

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

WORKOVER RIG

16. Approx. Date Work will start

UPON APPROVAL

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/4"	13-3/8"	48#	228'	250	SURF (CIRC)
11"	8-5/8"	32#	2903'	1950	SURF (CIRC)
7-7/8"	5-1/2"	15.5, 17#	7890'	875	SURF (CIRC)

WE PROPOSE TO PLUG BACK THE WANTZ ABO & RECOMP TO THE GRAYBURG FORMATION.

1. POH w/prod eqmt.
2. CO to PBTD @ +/-7455'.
3. Set CIBP @ +/-6800'.
4. Set 2nd CIBP @ 4100'.
5. Perf Grayburg 3850' - 3940' (1 SPF).
6. Acid frac perms 3850' - 3940' w/7500 gal 20% NEFE HCl.
7. Swb well to flw.
8. Kill well. POH w/work string & pkr.
9. RIH w/perm prod eqmt. Set 5-1/2" pkr @ 3800'.
10. RTP.

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 *J. Marcus Winder*

TITLE TECH. MGR. - ASSET ADMIN. DATE 10/21/93

TYPE OR PRINT NAME A. J. DURRANI

713/544-3797

TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE OCT 26 1993

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

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Energy, Minerals and Natural Resources Department

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Shell Western E&P Inc.			Lease ARGO		Well No. 11
Unit Letter K	Section 15	Township 21S	Range 37E	County NMMP	LEA
Actual Footage Location of Well: 2080 feet from the SOUTH line and 1650 feet from the WEST line					
Ground level Elev. 3449' DF	Producing Formation GRAYBURG	Pool WILDCAT	Dedicated Acreage: 40 Acres		

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

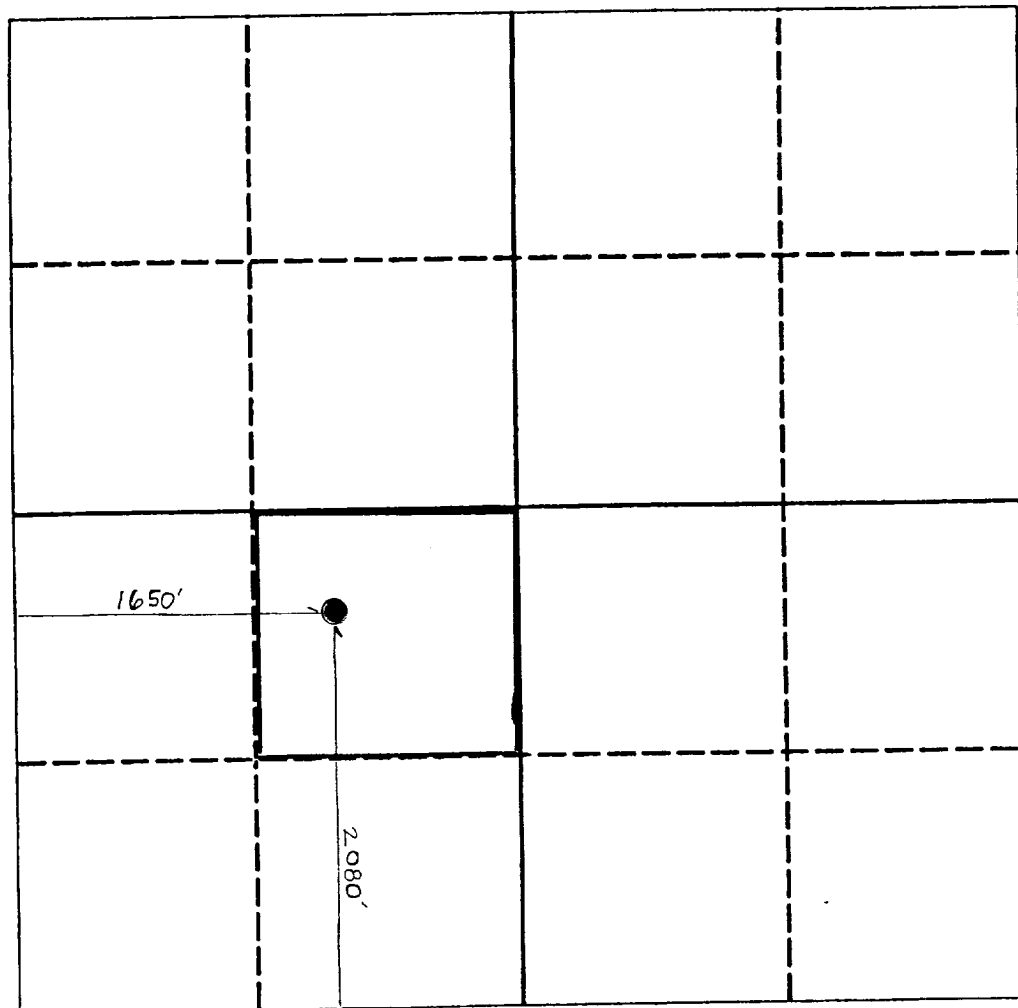
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the 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

A. J. Durrani

Printed Name

A. J. DURRANI

Position

TECH. MANAGER - ASSET ADMIN.

Company

SHELL WESTERN E&P INC.

Date

10/21/93

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.