

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

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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

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)

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 ☐

WATER SOURCE WELL

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

7. Lease Name or Unit Agreement Name

ARGO

2. Name of Operator

SHELL WESTERN E & P INC. (4431 WCK)

8. Well No.

10

3. Address of Operator

P.O. BOX 576, Houston, TX 77001-0576

9. Pool name or Wildcat

SAN ANDRES

4. Well Location

Unit Letter L : 1880 Feet From The South Line and 760 Feet From The West Line

Section 15

Township 21-S

Range 37-E

NMPM

LEA

County

10. Proposed Depth

6340' (PBD)

11. Formation

San Andres

12. Rotary or C.T.

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

3453' 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#	241'	250 sxs	surface
11"	8-5/8"	32#	2907'	1700 sxs	surface
7-7/8"	5-1/2"	15.5#, 17#	2660' - 8012'	875 sxs	-----

(liner)

WE PROPOSE TO PLUG BACK THIS WELL IN THE DRINKARD AND RECOMPLETE IN THE SAN ANDRES USING THE FOLLOWING PROCEDURES:

- 1) POOH w/ prod equip.
- 2) TIH w/ CIBP, setting @ 6375'.
- 3) CO to CIBP @ 6375'.
- 4) Run GR/CNL/CCL from 5100' - 3900'.
- 5) Cap CIBP @ 6375' w/ 35' cmt.
- 6) Perf San Andres (intervals to be determined by log evaluation).
- 7) AT San Andres (treatment schedule to be determined by log evaluation).
- 8) TIH w/ prod equip and place well on production.

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 [Signature] TITLE SUPV. REG. & PERMITTING DATE FEB 17 1989  
TYPE OR PRINT NAME A.J. FORE TELEPHONE NO. (713) 870-3793

(This space for State Use)

Orig. Signed by  
Paul Kautz  
Geologist

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE FEB 27 1989

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.