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U.S.G.S.
LAND OFFICE
OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE [X] FEE []
5. State Oil & Gas Lease No.
L-2944

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well
Re-DRILL [X] DEEPEN [] PLUG BACK []
OIL WELL [] GAS WELL [X] OTHER []
SINGLE ZONE [X] MULTIPLE ZONE []
2. Name of Operator
Delta Drilling Company
3. Address of Operator:
P. O. Box 3467, Midland, Texas 79702
4. Location of Well
UNIT LETTER D LOCATED 660 FEET FROM THE North LINE
AND 660 FEET FROM THE West LINE OF SEC. 30 TWP. 16-S RGE. 33-E NMPM
10. Indicate Type of Wildcat
Wildcat (Morrow)
12. County
Lea
19. Proposed Depth
13800
19A. Formation
Morrow
20. Rotary or C.T.
RT
21. Elevations (Show whether DF, RT, etc.)
4240 GR
21A. Kind & Status Plug. Bond
Blanket
21B. Drilling Contractor
Company Tools
22. Approx. Date Work will start
4-15-79

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
* 17-1/2"	13-3/8"	48#	364	305	Cmt Circ
* 11"	8-5/8"	32#	4529	700	2400' Temp
7-7/8"	5-1/2"	26#	13700	2200	3500'

It is our intention to re-enter Unit-State well #1 originally P&Aed by Samedan Oil Corporation on 4/28/61 as a Devonian test. Records indicate that 13-3/8" 48# E-40 surface casing was set @ 364' and cemented with 305 sxs. Also 8-5/8" 32# J-55 intermediate casing was set @ 4529' and cemented with 700 sxs. TOC, by Temp survey, was found @ 2400'. Later 8-5/8 casing was cut off at 2363' and pulled. Plans call for rig up Workover Rig & wash clean to 4479' & run casing inspection log. Run 8-5/8" casing & tie back to casing at 2363' and cement with 600 sxs Class "C". WOC 24 hrs. Test casing to 1500 psi for 30 min. Move in Roatry Rig & wash down to 13800'.

BOP Diagram Attached.

* Casing Set

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 SLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed R. Brown Title Field Project Manager Date 3/15/79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE APR 17 1979
CONDITIONS OF APPROVAL, IF ANY:

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MAP 2 8 1979

CH. 2