

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO

JUL 22 1987

O. C. D.
ARTESIA, OFFICEForm C-101
Revised 10-1-78

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OPERATOR	☒

5A. Indicate Type of Lease
STATE ☐ FEDERAL ☒

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 ☐ GAS WELL ☒ OTHER ☐		DRILL ☒ DEEPEN ☐ PLUG BACK ☐		SINGLE ZONE ☒ MULTIPLE ZONE ☐	
2. Name of Operator McKay Oil Corporation ✓				7. Unit Agreement Name	
3. Address of Operator P.O. Box 2014, Roswell, New Mexico 88202				8. Farm or Lease Name Cactus	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>34</u> TWP. <u>6S</u> RGE. <u>22E</u> NMPM				9. Well No. 1	
				10. Field and Pool, or Wildcat W. Pecos Slope-Abo	
				12. County Chaves	
11. Elevations (Show whether DT, KT, etc.) 4200' GR		21A. Kind & Status Plug. bond Blanket		19. Proposed Depth 3,400'	
		21B. Drilling Contractor Grande Drilling		19A. Formation Abo	
				20. Rotary or C.T. Rotary	
				22. Approx. Date Work will start 8/1/87	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24.0# J-55	850' ±	450 sx	Surface
7 7/8"	4 1/2"	9.5# J-55	T.D.	150 sx	600' above T/Pay

1. Drill 12 1/4" hole to 850' and run 8 5/8" casing and cement to surface.
2. Wait on cement for 18 hours.
3. Nipple up on 8 5/8" casing using a Double Ram Blow-out Preventer and pressure test casing to 1000 psi for 30 minutes.
4. Drill 7 7/8" hole to 3,400' to adequately test the Abo formation.
5. Run 4 1/2" casing if warranted and cement to 600' above top of pay section and or to isolate all oil, gas and water zones.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-23-88
UNLESS DRILLING UNDERWAY

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 Levy W. Franklin Title Landman Date 7/21/87

(This space for Sign. Used)

Original Signed By
Mike Williams

Oil & Gas Inspector

APPROVED BY _____ DATE JUL 23 1987

CONDITIONS OF APPROVAL, IF ANY:

Post FD-1
7-24-87
Loc + API

All distances must be from the outer boundaries of the Section.

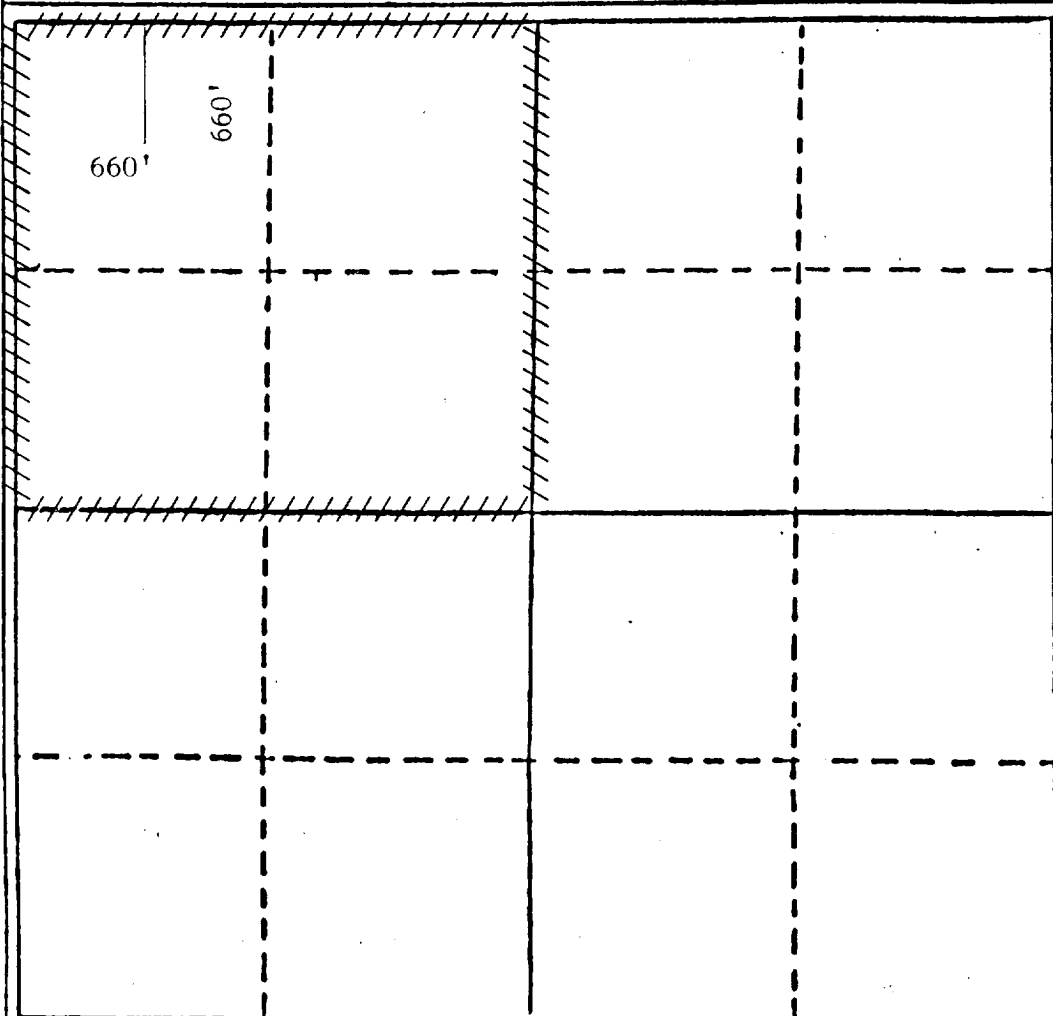
Operator McKay Oil Corp.		Lease Cactus		Well No. 1
Unit Letter D	Section 34	Township 6 south	Range 22 east	County Chaves
Actual Postage Location of Well 660 feet from the North line and 660 feet from the West line				
Ground Level Elev. 4200	Producing Formation Abo	Pool W. Pecos Slope-Abo	Dedicated Acreage 160 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 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 Division



CERTIFICATION

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

Terry W. Franklin

Name
Terry W. Franklin

Position
Landman

Company
McKay Oil Corporation

Date
7/21/87

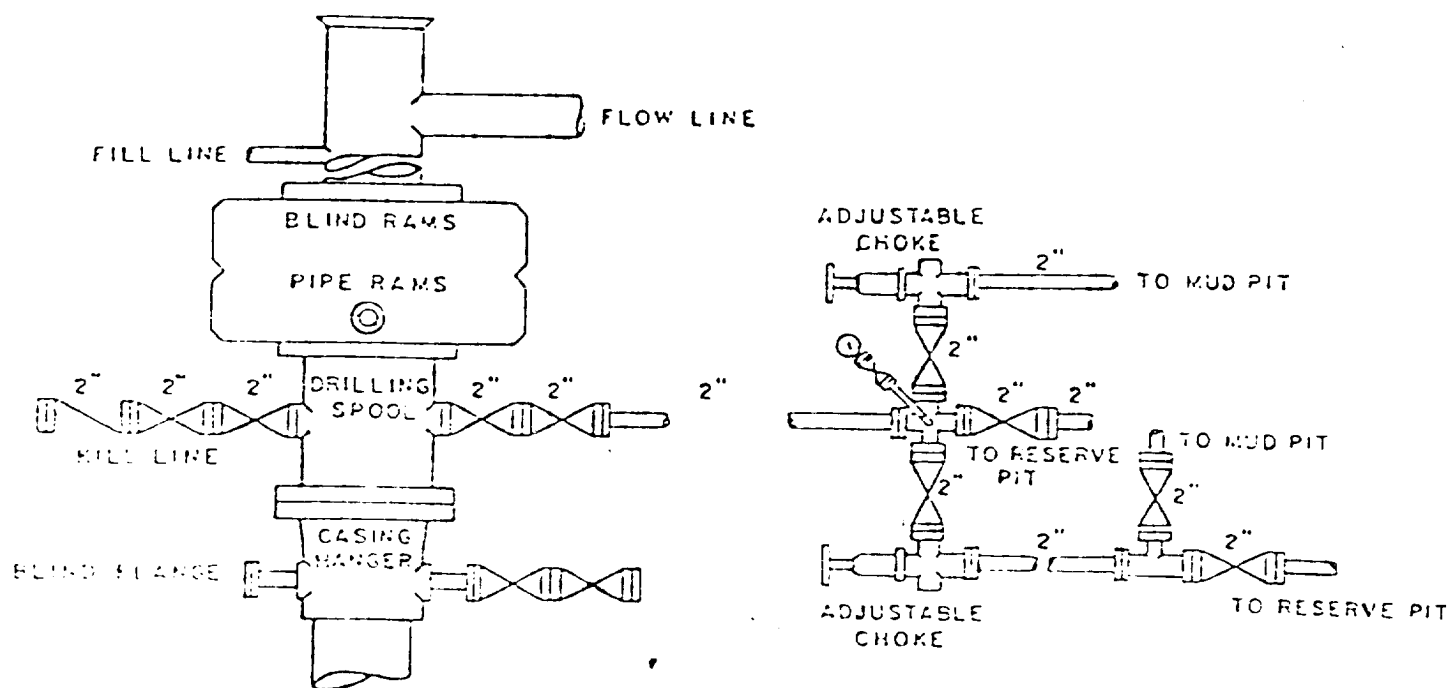
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
July 14, 1987

Registered Professional Engineer and/or Land Surveyor

John D. Jaques, P.E. & L.S.

Certificate No.
6280



BOP DIAGRAM

3000# Working Pressure
Rams Operated Daily

EXHIBIT D