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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work Re-Enter		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name E. L. Steeler Oil WN	
2. Name of Operator ARCO Oil & Gas Company Division of Atlantic Richfield Company		9. Well No. 1	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Langlie Mattix 7R On	
4. Location of Well UNIT LETTER P LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 19 TWP. 23S RGE. 37E NMPM		12. County Lea	
19. Proposed Depth 3750'		19A. Formation 7R Queen	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3316' GR	
21A. Kind & Status Plug. Bond GCA #8		21B. Drilling Contractor Not Selected	
22. Approx. Date Work will start 3/1/81			

23. Present PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13" OD	40#	200'	200	surf
12 1/2"	9-5/8" OD	36#	2720'	500	surf
8-3/4"	7" OD	24#	3509'	125	4 holes @ 300'
Original TD 3822'					squeezed to surf.

Re-Enter and complete as a single oilwell in 7R Queen formation in the following manner:

1. Rig up, remove P&A marker, cut off 13", 9-5/8" & 7" 3-4' below ground level, install well head. Install BOP.
2. Drill out cmt plugs, cmt retr @ 1190', cmt & CIBP @ 3445'. Drill & CO 3445-3750'. Run logs.
3. RIH w/4 1/2" OD 9.5# K-55 csg liner approx 3300-3750'.
4. Cmt liner w/ Cl C cmt w/2% CaCl₂. Drill out cmt & press test liner and csg.
5. Perforate Langlie Mattix 7R Qn in interval as determined by logs.
6. Acidize and frac treat w/amt to be determined. Swab test, run comp assy and return to production.

Blow-out Preventer Program Attached.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9/3/81
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.

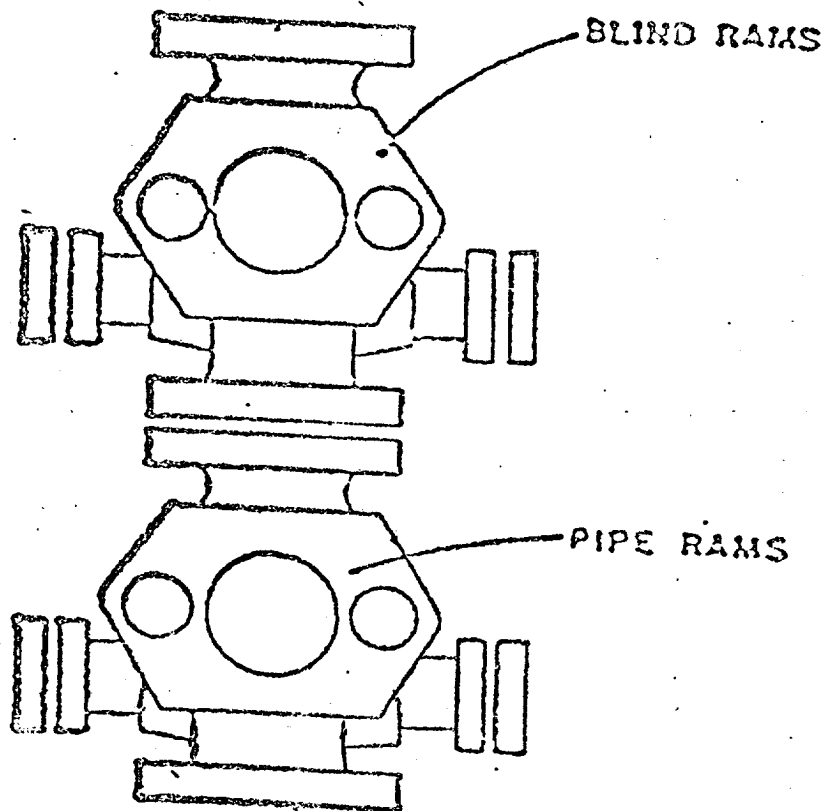
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Jerry W. Schmidt Title Dist. Drlg. Supt. Date 2/23/81

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE MAR 5 1981

CONDITIONS OF APPROVAL, IF ANY:



ARCO Oil & Gas Company

Division of Atlantic Richfield Company

Blow Out Preventer Program

Lease Name E. L. Steeler Oil WN

Well No. 1

Location 660' FSL & 660' FEL,
Sec 19-23S-37E, Lea Co., NM

BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.