

30-025-27157

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
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 <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		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name Langley Esmond	
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 Langley Ellenburger Gas Langley Devonian Gas	
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 2310 FEET FROM THE East LINE OF SEC. 33 TWP. 22S RGE. 36E NMPM		12. County Lea	
21. Elevations (Show whether DF, RT, etc.) 3490.7' GR		19. Proposed Depth 16,000'	19A. Formation Ellenburger Devonian
21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor Loffland Bros.	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start 11/24/80			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
36"	30" Conductor	Pipe	30'	3 yds Redi Mix	
17 1/2"	13-3/8" OD	54.5# K-55	1400'	1100 sx	Circ to surf
12 1/4"	9-5/8" OD	36# K-55, S-80	6250'	3200 sx	Circ to surf
8-3/4"	7" OD	23,26,29# S-95	16,000'	3400 sx	Circ to surf

Propose to drill a development extension well in the Langley Deep Field, if commercially successful dual complete and recover reserves.

Gas Dedicated

Blowout Preventer Program Attached.

APPROVAL VALID
FOR 60 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 2/21/81

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 11/19/80

(This Space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE 11/19/80

CONDITIONS OF APPROVAL, IF ANY: