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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-4-65

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JUN 13 1983

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
L-6368

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

14. Type of Work		ARTESIA, OFFICE		7. Unit Agreement Name	
b. Type of Well		DEEPEN <input type="checkbox"/>		8. Farm or Lease Name	
DRILL <input type="checkbox"/>		PLUG BACK <input checked="" type="checkbox"/>		Lancaster Springs Unit	
OIL WELL <input type="checkbox"/>		SINGLE ZONE <input checked="" type="checkbox"/>		9. Well No.	
GAS WELL <input checked="" type="checkbox"/>		MULTIPLE ZONE <input type="checkbox"/>		2	
2. Name of Operator		3. Address of Operator		10. Field and Pool, or Wildcat	
Amoco Production Company		P. O. Box 68, Hobbs, New Mexico 88240		Wildcat Wolfcamp	
4. Location of Well		UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE		12. County	
1980 West 9 22-S 26-E		AND FEET FROM THE LINE OF SEC. TWP. RGE. NMPM		Eddy	
11. Elevations (Show whether Oil, KI, etc.)		19. Proposed Depth		19A. Formation	
3353.6' GL		10,615'		Wolfcamp	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor		22. Approx. Date Work will start	
Blanket-on-file		NA			

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#	726'	300sxThixset, 1100sx C1C	Surf.
12-1/4"	9-5/8"	36#	2905'	400sxQuSet, 900C	C, 750ft. Surf.
8-3/4"	5-1/2"	17, 20, 23#	11525'	300sxClH, 1950sxTrinity	1520'
				Lite, 100sxClCneat	

Propose to abandon the Morrow formation and recomplete well to the Wolfcamp intervals 9320'-26' and 9379'-94' per the following:

Moved in and rig up service unit. Blow well down to pit and then load well with 10# brine water. POOH with tubing, packer, and tailpipe. RIH with a CIBP and set at 10,650' and cap with 35' of class H neat cement. RIH with 3-1/8" hollow carrier casing gun and perforate the Wolfcamp intervals 9320'-9326' and 9379'-9394' with 4 .44" JSPF at 90° phasing. POOH with guns and RIH with tubing dry as follows:

- Run shear disc assembly.
- Run 3jts of 2-3/8" N-80 tailpipe with a 1.81" F nipple one joint off bottom.
- Run a 5-1/2" X 2-3/8" packer with an on/off tool above packer. The on/off tool should have a 1.875" profile
- Run 2-3/8" N-80 tubing to surface.

0+5-NMOCD, A 1-HOU, R. E. Ogden RM 21.105 1-F. J. Nash, HOU Rm 4.206 1-CMH 1-Read & Steven

1-Cotton 1-Latham 1-Ericson 1-Callaway 1-Brown 1-Wilson

1-McPherson

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

Signature Charles M. Skerling Title Administrative Analyst Date 6-9-83

(This space for State Use)

Original Signed By
Leslie A. Clements
Supervisor District II

DATE JUN 14 1983

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Filed 6-17-83
17-83
No. 1001

Flange up wellhead then drop w shear disc. Flow well to pit and swab as necessary. If the well will not kick off flowing proceed with the following stimulation:

- a) Run before treatment GR/Temp Survey from 9100'-9600'. Then pressure up the backside to 2000 PSI.
- b) Pump 1500 gals of R/A tagged 60# crosslinked 20% HCL acid with additives at 8 BPM.
- c) Pump 1500 gal of R/A tagged 60# crosslinked 20% HCL acid with additives plus 4 ball sealers/BBL at 8 BPM.
- d) If ball action occurs, surge balls off perfs and continue pumping.
- e) Flush with 45 bbl brine water to bottom perfs at 8 BPM.

Shut-in well for 2 hrs to allow gel to break and acid to spend. While waiting for gel to break, rig up 5000 psi lubricator and run after treatment GR/Temp survey from 9100'-9600'. After acid is spent, flow well back to pit to recover load. Swab as necessary. Additional work will follow based on swab testing.