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P.O. Box 168, F	armington. N	4 87499		5		
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See also space 17 below) At surface 1165' FSL & 460' FEL				East Bla	nco P.C.	
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				Sec. 19, T	30N, R3W	
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Title 13 U.S.C. Section 1901, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any faise, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

JICARILLA 459 #5 Section 19, T30N, R3W 1165' FSL & 460' FEL Rio Arriba County, New Mexico

## DAILY REPORT

- 12/10/88 Spud well at 3:45 PM on 12/9/88. Drilled 143' of 12 1/4" surface hole. Ran 3 jts. of 8 5/8" 24#/ft J-55 casing (125.49 ft.) and landed at 138' RKB. Rigged up Cementers, Inc. Cemented surface with 120 sx (142 ft³) of Class B cement with 2% CaCl2. Good circulation throughout job. Circulated cement to surface. Plug down at 7:45 PM on 12/9/88. Wait on cement. Nipple up BOP. Drill 7 7/8" hole.
- 12/11/88 Drilling ahead at 1891'.
- 12/12/88 Drilling ahead at 2674'.
- 12/13/88 Drilling ahead at 3161'.
- 12/14/88 Drilling ahead at 3803'. Trip for core barrel.
- 12/15/88 Trip in hole with core barrel. Core #1 @ 3803 1/2 3833.

  Lay down core. Recovered 26 1/2 ft. of core. Trip in hole with core barrel. Core #2 @ 3833 3842. Core jammed in core barrel. Quit coring. Lay down core. Recovered 9 ft. of core. Rabbit jammed in core barrel. Trip in hole with core barrel.
- 12/16/88 Trip in hole with core barrel. Core #3 @ 3842 3872. Lay down core. Recovered 30 ft. of core. Trip in hole with core barrel. Core #4 @ 3872 3932. Lay down core. Recovered 60 ft. of core. Trip in hole. Resume drilling.
- 12/17/88 TD well @ 4250' at 4:00 PM on 12/16/88. Circulate 1 hour. Short trip 10 stands. Trip out of hole for logs. Rigged up Welex. Ran IEL, CNL, FDC logs from TD of 4219' RKB. Trip in hole with drillpipe. Lay down drillpipe and collars.

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Jicarilla 459 #5

## DAILY REPORT

Page 2

12/18/88 Finish lay down drillpipe and collars. Run 5 1/2" casing as follows:

<u>Description</u>	Length	<u>Depth</u>
KB to landing point  82 jts. 5 1/2" 17#/ft J-55 used casing  21 jts. 5 1/2" 17#/ft N-80 used casing  7 jts. 5 1/2" 17#/ft J-55 used casing  1 DFFC  1 jt. 5 1/2" 17#/ft J-55 used casing  1 guide shoe	12.00 3007.83 838.27 286.57 1.85 41.25 .85	0- 12 12-3020 3020-3858 3858-4145 4145-4146 4146-4188 4188-4189

Centralizers at 3777, 3818, 3858, 3899, 3939, 3980, 4019, and 4169. Rigged up Halliburton. Cemented longstring with 200 sx (412 ft³) of Class B cement with 2% econofill, tailed by 175 sx (221 ft³) of 50/50 pozmix with 2% gel, 10% salt and 1/4# flocele/sx. Good circulation throughout job. Bumped plug-held OK. Plug down at 12:00 noon on 12/17/88. Released rig. Wait on completion.