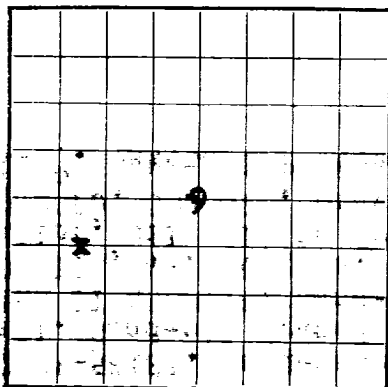




LOCATE WELL CORRECTLY

Indian Agency:
Jicarilla Apache
Lease No. 36U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 3312, Durango, Colorado
Lessor or Tract Northeast Haynes Apache Field Otero Gallup State New Mexico
Well No. 1 Sec. 9 T24N R. 5W Meridian NMPM County Rio Arriba
Location 1850 ft. N of S. Line and 790 ft. E. of W. Line of Section 9 Elevation 6535
(Derrick floor relative to sea level)The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records. Original Signed By
Signed H. D. HALEYDate October 9, 1961Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling September 9, 1960 Finished drilling October 13, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2320 to 2410 (G) No. 4, from 6518 to 6595
No. 2, from 3863 to 4630 (G) No. 5, from 6630 to 6810 (G)
No. 3, from 5595 to 5845 (G) (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8	11.2	8 rd	H-40	215	Baker				Surface
4 1/2	8.5	8 rd	J-55	5918	Baker		6522	6744	Dakota
4 1/2	8.5	8 rd	J-55	5464	Baker		6754	6784	Prod.
4 1/2	9.5	8 rd	J-55	5950	Baker		5760	5815	Gallup Prod
2 7/8	6.4	10 rd	J-55	6734	Baker		6522	6594	Greenhorn Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	220' RB	170	displacement		(Surface)
4 1/2	6958' RB	800	displacement		(Dakota)
4 1/2	5934' RB	680	displacement		(Gallup)
2 7/8	6640' RB	See Dakota	string above		(Greenhorn)

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 6966 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 9, 1961 Put to producing Gr. - January 16
Ga. - January 19, 1961
The production for the first 24 hours was Gr. 10 barrels of fluid of which Gr 92.7 was oil; Gr 0.3
BS&W; _____ % water; and _____ % sediment. Gravity, °Bé. XX API GR 41.6 Ga. 42.3If gas well, cu. ft. per 24 hours 883,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2900 500 psi line pressure

(Dakota)

EMPLOYEES

_____, Driller _____ Contractor: _____, Driller
_____, Driller _____ Moran Brothers _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2378	2420	42	Pictured Cliffs
2420	3150	730	Lewis Shale
3150	3863	713	La Ventana
3863	3990	127	Cliffhouse
3990	4380	390	Manefee
4380	4735	355	Point Lookout
4735	5595	860	Crevice Canyon (Mancos)
5595	6518	923	Gallup
6518	6595	77	Greenhorn
6595	6630	35	Graneros
6630	6820	190	Dakota
6820	6966	146	Morrison

1. General material
2. Significance
3. For the record

NUDING AND CEMENTING RECORD

FORMATION RECORD—Continued