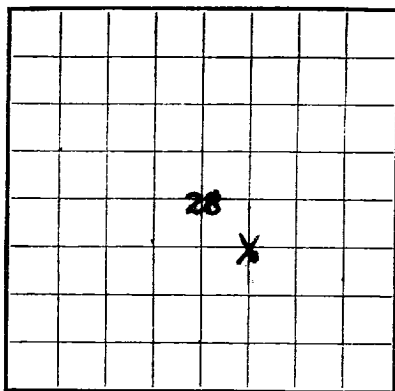
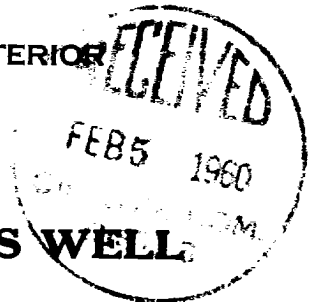




LOCATE WELL CORRECTLY

Jicarilla Apache
Lease No. 66U. 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, ColoradoLessor of Dakota Jicarilla Apache Field Undesignated State New MexicoWell No. 28-1 Sec. 28 T. 25N R. 4W Meridian NMPM County Rio ArribaLocation 1980 of S Line and 1980 of E Line of Sec. 28 Elevation 6937

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: H. D. HALEYDate February 1, 1960 Title District Superintendent

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

Commenced drilling August 19 19 59 Finished drilling September 27 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from 0 to 12 No. 4 from 0 to 12No. 2 from 0 to 12 No. 5 from 0 to 12No. 3 from 0 to 12 No. 6 from 0 to 12

IMPORTANT WATER SANDS

No. 1 from 0 to 12 No. 3 from 0 to 12No. 2 from 0 to 12 No. 4 from 0 to 12

CASING RECORD

Casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4"	82.5	8	Hydram	7650'	Ball	7650'	7650'	7650'	Production
7"	47.5	8	Hydram	7650'	Ball	7650'	7650'	7650'	Production
							7445'	7440'	7435'
							7420'	7415'	7405'
									7396'

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	221' RB	200 regular	displacement		
7"	7650' RB	450 regular and	displacement		
		450 stratocrete			

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 7650' TD feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 1, 1960 Put to producing September 27, 1959

The production for the first 80 hours was 80 barrels of fluid of which 99.5% was oil; .5%BS&W _____ % water; and _____ % sediment. Gravity, API 45.0 @ 60

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller Contractor: Aspen Drilling Co. _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3213	3275	62	Pictured Cliffs
3275	4070	795	Lewis
4070	4868	798	La Ventana
4868	4903	35	Cliff House
4903	5333	430	Manefee
5333	5512	179	Point Lookout
5512	6428	916	Mancos
6428	7315	887	Gallup
7315	7375	60	Greenhorn
7375	7395	20	Graneros
7395	7650	255	Dakota

of the
of the



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ON 11-29-65, based on 11-29-65 test. County

Weight per foot	Thickness per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose

HISTORY OF OIL OR GAS WELL

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
10/1/54	100.00				
10/2/54	100.00				
10/3/54	100.00				
10/4/54	100.00				
10/5/54	100.00				
10/6/54	100.00				
10/7/54	100.00				
10/8/54	100.00				
10/9/54	100.00				
10/10/54	100.00				
10/11/54	100.00				
10/12/54	100.00				
10/13/54	100.00				
10/14/54	100.00				
10/15/54	100.00				
10/16/54	100.00				
10/17/54	100.00				
10/18/54	100.00				
10/19/54	100.00				
10/20/54	100.00				
10/21/54	100.00				
10/22/54	100.00				
10/23/54	100.00				
10/24/54	100.00				
10/25/54	100.00				
10/26/54	100.00				
10/27/54	100.00				
10/28/54	100.00				
10/29/54	100.00				
10/30/54	100.00				
10/31/54	100.00				
11/1/54	100.00				
11/2/54	100.00				
11/3/54	100.00				
11/4/54	100.00				
11/5/54	100.00				
11/6/54	100.00				
11/7/54	100.00				
11/8/54	100.00				
11/9/54	100.00				
11/10/54	100.00				
11/11/54	100.00				
11/12/54	100.00				
11/13/54	100.00				
11/14/54	100.00				
11/15/54	100.00				
11/16/54	100.00				
11/17/54	100.00				
11/18/54	100.00				
11/19/54	100.00				
11/20/54	100.00				
11/21/54	100.00				
11/22/54	100.00				
11/23/54	100.00				
11/24/54	100.00				
11/25/54	100.00				
11/26/54	100.00				
11/27/54	100.00				
11/28/54	100.00				
11/29/54	100.00				
11/30/54	100.00				
12/1/54	100.00				
12/2/54	100.00				
12/3/54	100.00				
12/4/54	100.00				
12/5/54	100.00				
12/6/54	100.00				
12/7/54	100.00				
12/8/54	100.00				
12/9/54	100.00				
12/10/54	100.00				
12/11/54	100.00				
12/12/54	100.00				
12/13/54	100.00				
12/14/54	100.00				
12/15/54	100.00				
12/16/54	100.00</				

FORMATION RECORD—Continued

FORM