



DISUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Anderson Prichard Oil Co. ET Al Address Liberty Bank Building, Okla. City, Okla.
 Lessor or Tract Johnston-Federal Field Blanco State N. Mexico
 Well No. 4 Sec. 33 T 31N R. 9W Meridian NMPM County San Juan
 Location 3430 ft. {N./S.} of S Line and 790 ft. {E./W.} of E Line of Sec. 33-31N-9-W Elevation 6212
(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.

Signed Karl Bashara
 Title District Foreman

Date 10-8-52

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

Commenced drilling 8-21-, 19 52 Finished drilling 10-7, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4735' to 5398 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ 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—	
10-3/4"	32.75#	8-Rd.	Smls LP	160'	Milling Shoe				Surface Csg.
7"	22#	8-Rd.	Metl. Tube	4708'	Milling Shoe				Long String.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	172'	160 sax. Reg. Neat	Halliburton		
7"	4677'	60 Sax. Neat, 150 Howelite			
7"	3205'	40 Sax. Neat 150 Sax. Howelite			

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
3 1/2"	4 1/2"	Ind. Eastern Solidified Nitro	1920	10/3	4742-5515	5470'

TOOLS USED

Rotary tools were used from _____ feet to 5515 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-7-52, 19 _____ Put to producing _____, 19 _____

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 11075 mcf Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1091 on casing, 1093# on tubing (6 Hrs open flow thru 3")

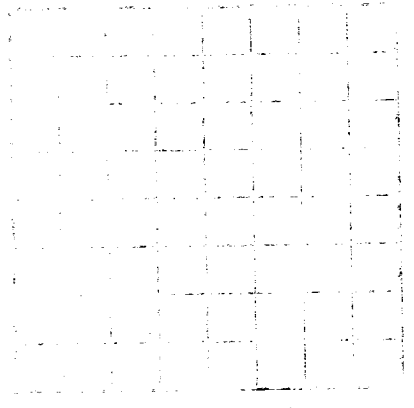
EMPLOYEES
GREAT WESTERN, Driller _____, Driller _____
WELL INC., Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1740	1740	Sand and Shale
1740	1795	55	Hard Sand and gravel
1795	1855	60	Base of OJO Alamo 1795'
1855	2360	505	Shale, grey
2360	2645	285	Top of Farmington Sandstone 1855'?
2645	3004'	359	Shale and streaks of SS
3004	3145	141	Top of Fruitland 2645'
3145'	4530'	385	Shale Sand and Coal
4530'	4665'	135	Silty Sandstone
4665'	4885'	220	Top of Pictured Cliffs 3004'
4885'	5300'	415'	Shale, Dark Grey Sandy
5300'	5385'	85	Top of Lewis
5385'	5445'	60	Very fine Hard SS with dark shale streaks
5445'	5515' T.D.	70	Sandstone, grey hard.
			Top of Cliff House SS 4,665'.
			Sand, Shale and Coal
			Top of Menace 4,685'
			Sandstone
			Top of Point Lookout 5300'
			Sandstone and Black Shale
			Top of Mancos 5,445'?
			Black Shale and Thin Sand Streaks.



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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plungers or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

U.S. GEOLOGICAL SURVEY
 WASHINGTON, D.C.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
			150 MCF Natural
			475 MCF Natural
			697 MCF Natural
			593 MCF Natural
			948 MCF Natural
			1030 MCF Natural
			1100 MCF Natural
			1170 MCF Natural
			1250 MCF Natural
			1325 MCF Natural
			1400 MCF Natural
			1475 MCF Natural
			1550 MCF Natural
			1625 MCF Natural
			1700 MCF Natural
			1775 MCF Natural
			1850 MCF Natural
			1925 MCF Natural
			2000 MCF Natural
			2075 MCF Natural
			2150 MCF Natural
			2225 MCF Natural
			2300 MCF Natural
			2375 MCF Natural
			2450 MCF Natural
			2525 MCF Natural
			2600 MCF Natural
			2675 MCF Natural
			2750 MCF Natural
			2825 MCF Natural
			2900 MCF Natural
			2975 MCF Natural
			3050 MCF Natural
			3125 MCF Natural
			3200 MCF Natural
			3275 MCF Natural
			3350 MCF Natural
			3425 MCF Natural
			3500 MCF Natural
			3575 MCF Natural
			3650 MCF Natural
			3725 MCF Natural
			3800 MCF Natural
			3875 MCF Natural
			3950 MCF Natural
			4025 MCF Natural
			4100 MCF Natural
			4175 MCF Natural
			4250 MCF Natural
			4325 MCF Natural
			4400 MCF Natural
			4475 MCF Natural
			4550 MCF Natural
			4625 MCF Natural
			4700 MCF Natural
			4775 MCF Natural
			4850 MCF Natural
			4925 MCF Natural
			5000 MCF Natural
			5075 MCF Natural
			5150 MCF Natural
			5225 MCF Natural
			5300 MCF Natural
			5375 MCF Natural
			5450 MCF Natural
			5525 MCF Natural
			5600 MCF Natural
			5675 MCF Natural
			5750 MCF Natural
			5825 MCF Natural
			5900 MCF Natural
			5975 MCF Natural
			6050 MCF Natural
			6125 MCF Natural
			6200 MCF Natural
			6275 MCF Natural
			6350 MCF Natural
			6425 MCF Natural
			6500 MCF Natural
			6575 MCF Natural
			6650 MCF Natural
			6725 MCF Natural
			6800 MCF Natural
			6875 MCF Natural
			6950 MCF Natural
			7025 MCF Natural
			7100 MCF Natural
			7175 MCF Natural
			7250 MCF Natural
			7325 MCF Natural
			7400 MCF Natural
			7475 MCF Natural
			7550 MCF Natural
			7625 MCF Natural
			7700 MCF Natural
			7775 MCF Natural
			7850 MCF Natural
			7925 MCF Natural
			8000 MCF Natural
			8075 MCF Natural
			8150 MCF Natural
			8225 MCF Natural
			8300 MCF Natural
			8375 MCF Natural
			8450 MCF Natural
			8525 MCF Natural
			8600 MCF Natural
			8675 MCF Natural
			8750 MCF Natural
			8825 MCF Natural
			8900 MCF Natural
			8975 MCF Natural
			9050 MCF Natural
			9125 MCF Natural
			9200 MCF Natural
			9275 MCF Natural
			9350 MCF Natural
			9425 MCF Natural
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			10025 MCF Natural