



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

S. D. Johnson Chapman
(Company or Operator) (Lease)
Well No. 1, in SE 1/4 of SW 1/4, of Sec 20, T. 23 North, R. 6 West, NMPM.
Wildcat Pool, San Doval County.
Well is 1980 feet from West line and 660 feet from South line
of Section 20. If State Land the Oil Lease No. is
Drilling Commenced September 16, 1956. Drilling was Completed October 4, 1956.
Name of Drilling Contractor S. D. Johnson
Address 1216 Mile High Center, Denver 2, Colorado
Elevation above sea level at Top of Tubing Head 7100' GL. The information given is to be kept confidential until
, 19.

OIL SANDS OR ZONES
No. 1, from 5580 to 5594 No. 4, from to
No. 2, from 5602 to 5616 No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS
Include data on rate of water inflow and elevation to which water rose in hole.
No. 1, from NONE to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.



CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4"	32#	New	220'	None			surface casing
5 1/2"	15.5#	New	5700'	Halliburton Guide Shoe		5580-5602 5602-5616	production string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10 3/4"	10 3/4"	220'	170	pumped		
7 7/8"	5 1/2"	5700'	250	pumped		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

October 16, 1956: perforated from 5580 to 5594 and from 5602 to 5616, perforated a total of 28', six holes per foot.
October 18, 1956: sandfraced with 50,000# sand and 1600 barrels of oil.
Result of Production Stimulation
Depth Cleaned Out.

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

5700TD

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

SHUT-IN, pumping unit has not been installed.

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was

was oil;% was emulsion;% water; and% was sediment. A.P.I.

Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of

liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy..... Devonian..... T. Ojo Alamo.....

T. Salt..... T. Kirtland-Fruitland.....

B. Salt..... T. Farmington.....

T. Yates..... T. Simpson..... T. Pictured Cliffs..... 2050

T. 7 Rivers..... T. McKee NO. 1ED..... T. Menefee..... 3540

T. Queen T. Ellenburger T. Point Lookout 4335

T. Grayburg T. Gr Wash T. Mancos 4527

T. San Andres	T. Granite	T. Dakota
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T. Glorieta	T. Morrison
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T. Drinkard	T. Penn
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T. Tubbs State Land Office 2 T Upper Gallup 5392

T. Abo	U. S. G. S.	T. Lower Gallup	5483
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[illegible][illegible]

INFORMATION RECORD

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	225	225	surface hole				
225	838	613	shale				
838	5506	4668	sand and shale				
5506	5557	51	Core #1: 12' grey, very fine grained, shaley sand, tight, no show.				
			16' grey, very fine grained, silty sand with shale partings, tight, no show.				
			5' grey to brown, very fine grained, tight sand with odor in fresh breaks, soil stained, good fluorescence.				
			11' black, sandy shale, no show.				
			7' grey, very fine grained, silty sand with shale partings and inclusions, tight, no show.				
5557	5608	51	Core #2: 4' grey, very fine grained, shaley sand, tight, no show.				
			8' grey, very fine grained, silty sand, with odor on fresh break, slightly bleeding gas, tight.				
			4' grey, black, sandy shale, no show.				
			7' grey, fine to medium grained, silty sand w/good odor, bleeding gas, w/slight bleeding of oil, good fluorescence with fair pin point porosity.				
			17' grey to brown, fine grained, tight, silty sand w/odor, bleeding gas, light fluorescence.				
			4' brown to grey, fine grained, slightly silty sand with good oil stain & fluorescence, w/slight porosity.				
			7' brown to grey, silty, very fine grained, tight sand w/good odor and fluorescence.				

The entire core was tight, with porosity being tiny pin point, there was bleeding of gas and slight bleeding of oil throughout most of the sand sections. GOOD SHOW.

5608 5659 51 Core #3: 10' grey, very fine grained, silty sand, with grey shale inclusions, tight, with good odor, bleeding gas and light blue fluorescence.
4' as above, silty sand, becoming more silty with fair odor.
14' as above, silty sand, tight, bleeding gas.
23' this interval of the core was broken up, highly fractured (spiral fractures), grey, very silty, fine grained sand, with scattered pieces having odor and light fluorescence. (None