

DATE 1/17/56

THE OHIO OIL CO

HISTORY OF OIL OR GAS WELL

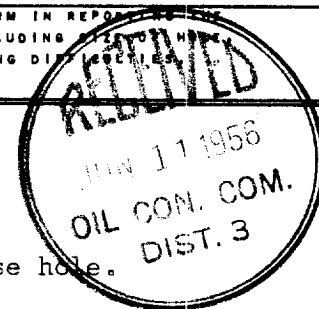
FIELD South Blanco

WELL NO. #7 LEASE Jicarilla BLOCK 27 SEC. 27 TWP. 26N. R. 5W.
 STATE New Mexico COUNTY Ria Arriba 1050' from the North Line
 990' from the West Line

KB ELEV. 6506
 Gr ELEV. 6493
 MEASUREMENTS TOP OF OIL STRING
 TOP OF ROTARY TABLE ELEV. _____
 TAKEN FROM GRD. OR MAT ELEV. _____

HISTORY PREPARED BY George Susich
 TITLE Asst. Petroleum Engineer

IT IS OF THE GREATEST IMPORTANCE TO HAVE A COMPLETE HISTORY OF THE WELL. USE THIS FORM IN REPORTING THE HISTORY OF ALL IMPORTANT OPERATIONS AT THE WELL, TOGETHER WITH THE DATES THEREOF, INCLUDING THE SIZE AND NUMBER OF BITS, COMPLETE DESCRIPTION OF CASING, CEMENTING, FISHING OR DRILLING DISCOVERIES, SURVEYS, ALL TESTS, ALL COMPLETION OPERATIONS AND PROCEDURE, ETC.



DATE <u>1955</u> <u>12-26</u>	Fleeger Riley tearing down and moving.
<u>12-27</u>	Rigging up raised mast, broke tour. Drilled rat hole and mouse hole.
<u>12-28</u>	<p>T.D. 180' Drilled 180' of 15" surface hole. Circulated 2 hrs. Ran 5 jts, 10-3/4", 32.75#, 8R H-40 surface pipe. 158.84 Net 1.33' Baker guide shoe 160.17 Total 1.00 below grnd 12.60 grnd to KB Landed shoe at 173.77 K.B. cemented with 125 sacks reg. by HOWCO. Displaced casing with 17.5 bbls. H₂O. Plug down at 5:00 p.m. Good returns on cement. PBTD 156' K.B. W.O.C,</p>
<u>12-29</u>	T.D. 276' Nippled up pressured casing with 500# for 15 min. Casing OK. Started drilling out. Top of cement & plug at 160' K.B. Drlg ahead Bit #2 HTC-OSC-3
<u>12-30</u>	T.D. 1425' Drlg ahead in ss & sh made trip for bit #3 HTC OSC-3
<u>12-31</u>	T.D. 1997' Drlg ahead in ss & sh made trip for bit #4 HTC OSC-3
<u>1956</u> <u>1/1</u>	T.D. 2401' Drlg ahead in ss & sh made trip for bit #5 HTC OSC-3. Made trip for bit #6 HTC OSC-3.
<u>1/2</u>	T.D. 2726' Made trip for bit #7 HTC RR- Strapped pipe out of hole. Drls. TD 2870' Tally TD 2874', corrected TD to 2874. Broke down 6 hrs. Low clutch.
<u>1/3</u>	T.D. 2925' Went in hole with 7-7/8 HTC OWV at 2874', reduced hole size at 2874'. Circulating samples. Sample top of PC sand 2910'. Circulated hole clean, conditioned mud.
<u>1/4</u>	T.D. 2925' Came out of hole. Ran Schlumberger ES & Micro logs. Schlumberger TD 2925' Top of PC sand at 2908' (3598'). Went back in hole with 9" bit reamed from 2874 to 2925'. Circulated hole clean came out of hole laying down drill pipe. Finished laying down drill pipe, rigged up to run casing.

1956

1/4 (cont)	Ran 96 jts, 20#, J-55, 8r new casing.	2912.56	Net
	Baker guide shoe	1.33	
	Baker float collar	1.50	
		2915.39	Total

Landed shoe at 2914 K.B. with collar at 2866.68 K.B.
Centralizers at 2905.67, 2892.62, 2859.68. Cemented with 100 sacks regular
by HOWCO. Displaced casing with 118 bbls. H₂O. Bumped plug with 1200#. Plug
down at 10:00 p.m. Estimated top of cement in annulus at 2300' PBDT 2867 KB.
Landed casing at 11:00 p.m.
Released rig at 12:00 midnight. W.O.C.

1/5 P.B.T.D. 2867 Ran Temp. Survey by B & R Service. Top of cement in annulus
at 2100'. P.B.T.D. at 2860' by B & R Service. W.O.C.
Well static until 1-8-56

1/8 P.B.T.D. 2860 Moved McKinney Drlg. Co. Spudder on location rigged up.
Bailed water out of well.

1/9 T.D. 2928' Finished bailing water, rigged up tools started drilling out
float cement and shoe.

1/10 T.D. 3003' Drilled to 3003' bailed and washed hole clean. Ran Schlumberger
Induction Gamma-Ray Log.

1/11 T.D. 3003' Finished running temp. Log at 5:00 a.m. Waiting on HOWCO Frac
trucks. Trucks on location at 3:00 p.m. Rigged up. Blender
would not work. Waiting on Blender well making 23,300 cu. ft.
before frac. Started to Frac with 5T-10s & 2 blenders by
HOWCO. Pumped 30 bbls. cushion ahead of sand. Pumped 128 bbls.
water mixed with 5000# sand when fluid hit formation had build
up to 1200# when blew 2" valve off 7" Frac head. Shutdown
Frac job. Do not believe broke down formation. Let well set
2 hrs. Let sand settle out. Found 150' of sand in well .

1/12 T.D. 3003' Finished cleaning out sand out of well. Waiting on HOWCO.
HOWCO on location 2:00 p.m. Broke two trucks getting to
location. Waiting on replacement trucks. Ready to frac
at 10:00 p.m. Sand-Frac from 2914-3003 with 45, 760 gals.
H₂O and 45000# (20-40) sand with 5 T- 10s & 2 blenders. by HOWCO
down casing. Hole was full, pumped 60 bbls. H₂O ahead of sand.
Broke down formation with 1200#. Pumped 37,740 gals. H₂O with
45000# sand (1.2#/gal) Flushed sand with 5500 gals. H₂O.
Treatment pressure 800#. Final pressure 450#. Pumped 45760 gals.
H₂O with 2060 gals. of sand (4.57gals/100# of sand) with average
injection rate of 50.6 bbls. per min. Total pump time 22.5 min.

1956
1/13 T.D. 3003' Well flowed 2 hours. Went in hole with sand pump found 60' of sand in well. Sand pumped well clean. Let well set. Went back in well with sand pump. Sand coming in well bore. Running sand pump every hour. Cleaned out well of sand. Ran 94 jts. of 2-3/8", 4.7#, J-55, 8R EUE. 2947.64 Net
30.95 Anchor
8.00 Pup
2986.59 Total
Landed 10.50' below K.B. at 2997.09 K.B. Landed 6' off T.D. Rigged up to swab. Started swabbing well.

1/14 T.D. 3003' Swabbed well in at 1:00 a.m. Blew well until 8:00 a.m. Released spudder at 8:00 a.m.

1/15 T.D. 3003' Blowing well.

1/16 T.D. 3003' Blowing well. well making salt water. Blowing well, no accumulation of salt water in well, gas blowing spray of salt water. (Estimate 15 to 20 bbls. per day)
Completed 4050 Mcfd w/450 on casing through tubing with 2" side static nipple.

ACTUAL CASING RECORD

WELL Jicarilla #7 FIELD South Blanco ELEV. KB 6506'

This form is to be filled out after each casing job. Its purpose is to give an accurate record of the sequence in which the joints were run so that at any later date, the collars can be accurately located.

Date 1/4/56 Csg. size 7" Wt. 20# Landed at 2914 Hole T.D. 3003'
 Distance from KB to Grd _____ PBDT 3003'
 All measurements from KB

JT. NO.	LENGTH	COLLAR DEPTH	REMARKS	JT. NO.	LENGTH	COLLAR DEPTH	REMARKS
		2914.00	Landed K.B.	18	29.34	2372.89	
	1.33	2912.67	Baker Guide Shoe	19	29.95	2342.94	
1	13.05	2899.62		20	30.71	2312.23	
2	31.44	2868.18		21	31.88	2280.35	
	1.50	2366.68	Baker Float Collar	22	28.39	2251.96	
3	32.20	2834.48		23	31.43	2220.53	
4	31.93	2802.55		24	29.24	2191.29	
5	31.22	2771.33		25	28.61	2162.68	
6	32.00	2739.33		26	30.63	2132.05	
7	32.19	2707.14		27	29.65	2102.40	
8	30.83	2676.31		28	29.14	2073.26	
9	29.12	2647.19		29	29.97	2043.29	
10	31.71	2615.48		30	30.52	2012.77	
11	30.51	2584.97		31	30.05	1982.72	
12	30.37	2554.60		32	29.83	1952.89	
13	30.10	2524.50		33	27.09	1925.80	
14	31.15	2493.35		34	28.62	1897.18	
15	28.95	2464.40		35	25.59	1871.59	
16	29.07	2435.33		36	30.04	1841.55	
17	33.10	2402.23		37	25.38	1816.17	

A C T U A L C A S I N G R E C O R D

WELL Jicarilla #7 FIELD South Blanco ELEV. KB

This form is to be filled out after each casing job. Its purpose is to give an accurate record of the sequence in which the joints were run so that at any later date, the collars can be accurately located.

Date Csg. size Wt. Landed at Hole T.D.

Distance from KB to Grd All measurements from KB

JT. NO.	LENGTH	COLLAR DEPTH	REMARKS	JT. NO.	LENGTH	COLLAR DEPTH	REMARKS
38	25.06	1791.11		58	32.33	1169.76	
39	30.25	1760.86		59	33.69	1136.07	
40	31.77	1729.09		60	33.26	1102.81	
41	26.11	1702.98		61	31.03	1071.78	
42	30.07	1672.91		62	27.52	1044.26	
43	31.17	1641.74		63	31.99	1012.27	
44	31.12	1610.62		64	29.37	982.90	
45	30.75	1579.87		65	30.65	952.25	
46	30.13	1549.74		66	27.71	924.54	
47	31.47	1518.27		67	30.91	893.63	
48	32.44	1485.83		68	32.21	861.42	
49	30.61	1455.22		69	29.21	832.21	
50	30.41	1424.81		70	31.92	800.29	
51	32.73	1392.08		71	30.28	770.01	
52	32.02	1360.06		72	33.29	736.72	
53	32.22	1327.84		73	32.98	703.74	
54	30.14	1297.70		74	32.76	670.98	
55	32.74	1264.96		75	31.50	639.48	
56	29.46	1235.50		76	32.33	607.15	
57	33.41	1202.09		77	31.23	575.92	

ACTUAL CASING RECORD

WELL Jicarilla #7 FIELD South Blanco ELEV. KB

This form is to be filled out after each casing job. Its purpose is to give an accurate record of the sequence in which the joints were run so that at any later date, the collars can be accurately located.

Date _____ Csg. size _____ Wt. _____ Landed at _____ Hole T.D. _____

Distance from KB to Grd _____ All measurements from KB

JT. NO.	LENGTH	COLLAR DEPTH	REMARKS	JT. NO.	LENGTH	COLLAR DEPTH	REMARKS
78	31.68	544.24					
79	30.99	513.25					
80	25.95	487.30					
81	31.97	455.33					
82	28.36	426.97					
83	31.02	395.95					
84	27.59	368.36					
85	31.35	337.01					
86	28.74	308.27					
87	31.20	277.07					
88	31.18	245.89					
89	31.35	214.54					
90	30.06	184.48					
91	31.00	153.48					
92	31.77	121.71					
93	28.73	92.98					
94	31.39	61.59					
95	30.31	31.28					
96	32.67	-1.39					

BET RECORD PAGE
 WELL NAME
 COMPANY
 DATE

No.	#	Circumference	Size	Make	Type	Serial #	On At	Off At	Ft. Made	Mrs. on		Condition
										Bottom	R.P.H. Wt. on Bit	
1			15"	Reamer			0'	180'	180'			
2			9"	HTC	OSC-3		180'	180'	180'			
3			9"	HTC	OSC-3		1014'	1014'	834'			
4			9"	HTC	OSC-3		1661'	1661'	647'			
5			9"	HTC	OSC-3		1997'	1997'	336'			
6			9"	HTC	OSC-10		1997'	2401'	407'			
7			9"	HTC	OSC-3		2401'	2726'	325'	15	95	30,000
8			9"	HTC	OSC-3		2726'	2870'	144'			
9			7 7/8"	HTC	OSC-3		2870'					

MUD RECORD

Jicarilla #7

Date	Time	F/C	Vis.	Weight	PPM NaCl	Water Loss	Ph.	Macogel	Soda	Alkatan	bracho	Cement	Lime	Aeropan
12/30	Morning													
	Daylight													
	Evening													
12/31	Morning		38	9.7										
	Daylight		40	9.8										
	Evening													
1/2	Morning		55	9.6										
	Daylight		40	10.0										
	Evening		57	9.8										
1/3	Morning		55											
	Daylight													
	Evening													

3 sx

3 sx

Jicarilla #7

DEVIATIONS

	<u>Depth</u>	<u>Dev.</u>
1/1/56 MT	1400'	3/4°

Jicarilla #7

PROGRESS REPORT

8 am - 9 am

[illegible]