DATE 1/17/56

THE OHIO OIL CO FIELD South Blanco HISTORY OF OIL OR GAS WELL

WELL N	O. <u>#7</u> LEASE	Jicarilla	EXLOC K SEC. <u>27 TWP. 26N.</u> R. 5W.
STATE	New Mexico	MPARYSH COUNTY Ria Arriba	1050" from the North Line 990" from the West Line
		KB ELEV. 6506	
		TRING Gr ELEV. 6493 HIST	ORY PREPARED BY George Susich
MEASURE	TOP OF ROTAR	Y TABLE ELEV	TITLE Asst. Petroleum Engineer
TAKEN	GRD. OR MAT	ELEY.	
_	HISTORY OF ALL IMPO Size and number of	ST IMPORTANCE TO HAVE A COMPLETE HISTOR RTANT OPERATIONS AT THE WELL. TOGETHER BITS. COMPLETE DESCRIPTION OF CASING. C ALL COMPLETION OPERATIONS AND PROCEDUR	WITH THE DATES THEREOF, INCLUDING CONTROL OF THE CO
DATE 1955 12-26	Fleeger Ril	ey tearing down and moving.	OIL CON. COM.
12/27	Rigging up	raised mast, broke tour. Dril	led rat hole and mouse hole.
12/28	T.D. 180*	Drilled 180° of 15° surface h 32.75#_8R H-40 surface pipe.	ole. Circualted 2 hrs. Ran 5 jts,10-3/4", 158.84 Net 1.33" Baker guide shoe 160.17 Total 1.00 below grnd 12.60 grnd to KB
		cemented with 125 sacks reg.	at 173.77 K.B. by HOWCO. Displaced casing with 17.5 bbls. Good returns on cement. PBTD 156' K.B.
12/29	T.D. 276'		ith 500# for 15 min. Casing OK. Started & plug at 160° K.B. Drlg ahead Bit #2
12/30	T.D. 1425	Drlg ahead in ss & sh made tr	ip for bit #3 HTC OSC-3
12/31	T.D. 1997'	Drlg ahead in ss &sh made tri	p for bit #4 HTC OSC-3
1956 1/1	T.D. 2401"	Drlg ahead in ss & sh made tr bit #6 HTC OSC-3.	ip for bit #5 HTC OSC-3. Made trip for
1/2	T.D. 2726"		Strapped pipe out of hole. Drls. TD 2870' to 2874. Broke down 6 hrs. Low clutch.
1/3	T ₀ D ₀ 2925'		WV at 2874', reduced hole size at 2874'. top of PC sand 2910'. Circulated hole
1/4	T.D. 2925"	2925% Top of PC sand at 2908 reamed from 2874 to 2925%. C	berger ES & Micro logs. Schlumberger TD " (3598"). Went back in hole with 9" bit irculated hole clean came out of hole shed laying down drill pipe, rigged up to

1956 1/4 (cont)	Landed shoe at	Baker guide shoe 1.33 Baker float collar 1.50 2912.56 Net 1.33 Baker float collar 1.50 2915.39 Total 2914 K.B. with collar at 2866.68 K.B. 2905.67, 2892.62, 2859.68. Cemented with 100 sacks regular
	by HOWCO. Disp Plug down at 10 Landed casing a	placed casing with 118 bbls. H ₂ O. Bumped plug with 1200#. 0:00 p.m. Estimated top of cement in annulus at 2300' PBTD 2867 KB.
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 breke 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. H ₂ O and 45000# (20-40) sand with 5 T- 10s & 2 blenders. by HOWCO down casing. Hole was full, pumped 60 bbls. H ₂ O ahead of sand. Broke down formation with 1200#. Pumped 37,740 gals. H ₂ O with 45000# sand (1.2#/gal) Flushed sand with 5500 gals. H ₂ O. Treatment pressure 800#. Final pressure 450#. Pumped 45760 gals. H ₂ O 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	i #7	FIELD South	ı Blanco	EL	EV. KB 650	16*
This i	form is to	be filled of f the sequen		n casing	dala Ti		
Date	1/4/56 C	sg. size 7'	Wt.	20^{I}_{ir}	Landed at	2914 н	ole T.D.
Distar	nce from K	B to Grd			-	F	BTD 3003'
JT. NO.	LENGTH	COLLAR DEPTH	REMARKS	JT.	LENGTH	COLLAR DEPTH	REMARKS
		2914.00	Landed K.B.	13	2 9.34	2372.89	
	1.33	2912.67	Baker Guide Shoe	19	2 9.95	2342.94	
1	13.05	2899.62		20	30.71	2312.23	
2	3,1.44	2868 18		21	31. 88	2280.35	· · · · · · · · · · · · · · · · · · ·
	1.50	2 366.68	Baker Float Coll		28.39	2251.96	
, 3	32.20	2834.48		23	31.43	2220.53	
4	31.93	2802.55		24	2 9.24	2191.29	
5	31.22	2771.33		2 5	28.61	2162.68	
6	32.00	2739.33		2 6	30.63	2132.05	
7	32.19	2707.14		27	2 9.65	2102.40	
8	30.83	2676.31		2 8	29.14	2073.26	
9	29.12	2 647 . 19		29	29.97	2043.29	
10	31.71	2615.48		30	30.52	2012.77	
11	30.51	2 584 . 97		31	30.05	1982.72	
12	30.37	2554.60		32	2 9.83	195 2. 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	2 435.33		36	30,04	1841.55	
17	33 10	94กๆ ๆๆ		0.7	05.00		

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Date	Cs	g. size	Wt.		Landed at	Ho	le T.D.
		to Grd					ents 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	1
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	98 2. 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	3,2.02	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	12 64.96		75	31.50	639.48	
56	2 9.46	1235.50		76	32.33	607.15	
57	33.41	1202.09		,77	31.23	575.92	

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Date _	Ce	g. size	Wt		Landed at	Ho	le T.D.
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78	31.68	544.24					
79	30.99	513.25					
ਖ਼0	25. 95	487.30					
81	31.97	455.33					
8 2	2 8.36	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	·				
8,8	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	2 8.73	92.98					
94	31.39	61.59			,	·	
95	30.31	31.28					
96	32.67	-1.39					

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Date	Time	F/C	F/C Vis.	Weight	NaCl	Loss	Ph.	Macogel	Soda	Alkatan	Alkatan bracho	Cement	Lime	Aeropan
	1													
12/30	Daylight							3 sx		3 sx				
	Evening													
	Morning		38	2.6										
12/31	Daylight		07	8.6										
	Evening													
	Morning		52	9.6										
1/2	Daylight		07	10.0										
	Evening		57	8.6										
	Morning		55											
1/3	Daylight													
	Evening													

#### DEVIATIONS

		Depth	Dev.
1/1/56	МГ	1400*	3/4°

#### PROGRESS NEPORT

8 am - 8 am

Date	Time	Status	Depth	Made	Fm.	D
12/27	8:00	Rigging u		T.KRALO	r.mr•	Remarks
12/28	8:00	Dale	160	1601	Tert	The second secon
12/29	8:00	MOC	180	201	17	
12/30	8:00	Drlg	7931	6131	71	Ran surface casing
12/31	8:00	Drle.	1661	8681	- 11	A CHIMINANT SING SIGNA (Specific Association) (ASS SIGNA - SEC SIGNA SIG
1/1/56		Drlg.	2097	4361	71	Seed and discuss promote Aut only extend information and the Control of the Control of C
1/2		Drlo.	25891	4921	11	
1/3	6:00	Drls.	28081	210		nd sh.
1/4	8:00	Reaming	29251	1171	PC	ilu Sile
1/5	8:00	VIOC	2925		PC	200 page 60 of 5 are
Johnson Proper					10-	Ran production esc. and logs
1/9	8:00	Bailing w	th cable	tools		A AND STREET OF THE PROPERTY O
1/10	8:00	Drla.	2963°	381	PC	mode date ( ) printeen-decompression agreement of recent or special and the contract of the co
1/11	8:00	Logging	3003	401	PC	and the second s
1/12	_8:00	MO HOMGO	30031	40'	F	Consideration
1/13	8:00	TWO TIONOU	7003			Sand fraced - valve broke
1/1	8:00	Flowing	<del></del>			Re-fraced
1/75	<u>8:00</u>	SIFG				Ran tubing
ter de la companya de	0.00	D.L.F.CT				
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