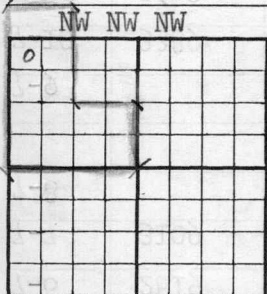


State Kansas County Comanche
Company G-M-R Drlg. Co. and
Nat'l. Gas & Oil Corp. Well No. 1
Farm Jackson
Survey

Block No. 1022 Sec. 28 Twp. 34S Range 17W

Co-Ord. 3308 Elev. 1807 K.B.



Rig #4 W.C.

50% Nat'l. Gas & Oil Corp.
25% Chicago Group
25% G-M-R Drlg. Co.

Shell Oil Co.(Acreage & DHM)

To be drilling by 6-1-54

NOTE: Show Sketch of Lease and Well Location in Above Space

330 Ft. from N. Line Ft. from S. Line

330 Ft. from W. Line Ft. from E. Line

Date	Depth	
		MIRT 5-24 SPD 5-29-54
5-25	Setting	because of mud and rain.
5-29		Spd. Lost circulation.
5-30	232	Reaming hole.
5-31	13 3/8" @ 231'	w/150 sx. cem. 2% gel.
	P.D. 9:30 p.m. 5-30-54.	1" pipe to
	110' w/50 sx cem, 2% gel, 1/4 sk hulls	
	P.D. 2:30 a.m. 5-31.	1" pipe to 60'
	w/50 sx cem, 2% gel, 1/2 Sk hulls.	
	P.D. 6:30 a.m. 5-31-54.	

Date	Depth	712561
6-1	882	Drlg
6-2	1600	Drlg
6-3	2195	Drlg
6-4	2360	8 5/8" @ 2360' w/125 sx cem,
		2 gel, 1 c.c. Waiting to move in
		Larger rig.
7-1		MI Rig #4
7-2		Rigging up
7-4	2430	Drlg
7-5	2525	Drlg
		DST' 2355-2525' Op 60", Cl 20". Rec.
		270' S.W. IF 150, FF 250, BHP 1050
7-6	2819	Drlg
7-7	3109	Drlg
7-8		Shaft went out on transmission
		Rig down
7-9		Rig down
7-10	3389	Slope test - $1\frac{1}{2}^{\circ}$ off
	3608	Drlg
7-12	4066	Drlg
7-13		DST' 4146-90' Op 60", Cl 20". Rec 840'
		Salty mud & 180' S.W. IF 410,
		FF 620, BHP 2000.
	4219	Drlg

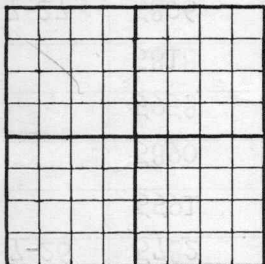
State Kansas County Comanche
Company G-M-R Drlg Co and
Nat'l Gas & Oil Corp. Well No. 1
Farm Jackson

Survey

Block No. Sec. 28 Twp. 34S Range 17W

Co-Ord. Elev.

NW NW NW



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NOTE: Show Sketch of Lease and Well Location in Above Space

Ft. from N. Line

Ft. from S. Line

Ft. from W. Line

Ft. from E. Line

Date	Depth	
7-14	4275 4409	Heebner (-2463) Drlg
7-15	4380	Douglas Sand (-2568)
		DST ³ 4373-4450' Op 60", Cl 20". Rec.
		20' mud. No pressure
	4490	Lansing (-2678)
	4535	Drlg
7-16	4669	DST 4580-4669, Op 1 hr; Rec 1420' gcsn. BHP-1750"
7-19	5134	Drlg
	5240	Miss (-3433)

Date	Depth	
		712561
7-21	DST ⁵ 5242-59' Op 60", Cl 20". Rec 30'	
	D. M. BHP 0	
	DST ⁶ 5258-96' Op 60", Cl 20". Gas to	
	surface-11". Gauged 48,000--22"	
	45,000 - 30", 39,500 - 45", 38,780-	
	60". Rec 100' GCM. IF 115, FF 120,	
	BHP 1070#.	
7-22	5409	Trip
7-23	DST ⁷ 5390-5438' Op 60", Rec 350' Sli	
	O&GCM. IF 100, FF 1200, BHP 1770#	
	5472	Drlg
7-24	5590	Drlg (Lost circ. but regained)
7-26	5782	Drlg
	5591	Cowley (- 3784)
	5890	Esti. Chattanooga
	5958	Esti. Viola
	5818	Drlg
7-27	5896	Chattanooga Shale (-4089)
	5909	Viola (-4097)
		278' higher than Eason's
7-28	DST ⁸ 5884-5938' Op 60", Cl 20". Rec 50'	
	D.M. No pressure.	
	5955	Drlg
7-29	6041	Drlg

State Kansas County Comanche
Company G-M-R Drlg. Co. and Nat'l Gas & Oil Corp. Well No. 1

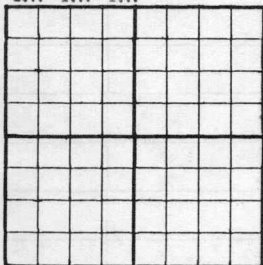
Farm Jackson

Survey _____

Block No. _____ Sec. 28 Twp. 34S Range 17W

Co-Ord. _____ Elev. _____

NW NW NW



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NOTE: Show Sketch of Lease and Well Location in Above Space

Ft. from N. Line

Ft. from S. Line

Ft. from W. Line

Ft. from E. Line

Date	Depth	
7-30	6140	Circulating for samples
	6105	Simpson (-4298)
		Getting ready to core. (307'
		higher than Eason's DH)
7-31	6165	Drlg. Had cored 25'
8-2	DST ⁹ 6146-6204'	Op 75", Cl 20". Rec
	3410'	S.W. BHP 2380#
	6263	Circulating

[illegible]