

State Kansas County Kiowa

Company Gramehart-Miller & Newmont Well No. 1

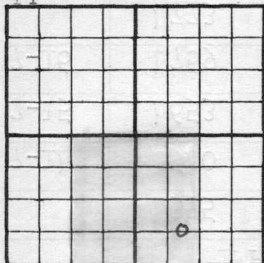
Farm Farrar

Survey

Block No. Sec. 15 Twp. 27S Range 19W

Co-Ord. C.P. 4025-75 Elev. 2247 KB

App Ctr SW SE Rig #4 2236 GL



3/4-Newmont Oil Co.

1/4-Gramehart-Miller Oil Company

Geol: Bob Frensley

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

Ft. from N. Line 660

Ft. from S. Line

Ft. from W. Line 1980

Ft. from E. Line

Date	Depth	
		SPD 7-3-55
7-2		MIRT
7-5		8 5/8" @ 535 w/300 sx cem, 2% gel, 6 c.c. PD 10:20 pm 7-3
	1115	Drlg
7-6	2355	Drlg
7-7	2815	Drlg
7-8	3164	Drlg
7-9	3563	Circulating. Repair No. 3 engine (3 or 4 hrs)

Date	Depth	
		702541
7-11	4032	Heebner (-1785)
	4050	Toronto (-1803)
	4188	Brn Lime (-1941)
	4192	Lansing (-1945) app 15'
		Log 4188 (-1941)
		lower than Barnes "D".
	4198	Preparing to DST
7-12	DST #1	4188-98', op 1 hr, cl 20"; rec
		210' sl gcm; Fair bl throughout.
		IFP-0, FFP-80, BHP-2000#.
	4251	Drlg
7-13	DST #2	4282-4303, op 1 hr, cl 20". Wk
		bl throughout. Rec 240' SW.
		IFP-0, FFP-80, BHP-1430#.
	4375	Drlg
7-14	4540	Drlg ($1\frac{1}{4}^{\circ}$ off 4422)
7-15	4653	Drlg. (Esti. Miss @ 4770)
7-16	4769	Cher Sd (-2522) Tight. 8" to ft
	4773	Miss Chert (-2526) top 7'
		Log 4762 (-2515)
	4788	shaley. Coming out of hole to DST.
7-17	DST #3	4762-88, op $1\frac{1}{2}$ hrs, cl 20". Gas
		to surf 15". Gauged 29,030 cf
		throughout test. Rec 30' gcm.
		IFP-80, FFP-70, BHP-1200#.
	DST #4	4788-4808, op $1\frac{1}{2}$ hrs, cl 30".

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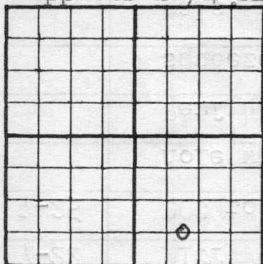
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Ft. from N. Line

Ft. from S. Line

Ft. from W. Line

Ft. from E. Line

Date	Depth	
		Gas to surf in 4". Gauged
		191,000 cfg. Rec 30' hv o&gcm,
		820' oil & 330' SW. IFP-190,
		FFP-450, BHP-1480#.
7-18	DST #5	4801-08, op 1½ hrs, cl 30". Gas
		to surface in 10". Gauged 57,000
		cf throughout. Rec 1070' oil,
		270' SW. IFP-100, FFP-400,
		BHP-1490#.

Date	Depth	702541
	DST #6 - 4808-23, op 1 hr, cl 30". Fair	
	bl throughout. Rec 900' gas in	
	pipe, 535' o&gcsw. IFP-60, FFP-	
	230, BHP-1550#.	
	4823	Going back in hole to test
7-19	DST #7 4788-4801, op 1½ hrs, cl 30".	
	Gas to surface in 10" (125,000cf	
	Rec 115' gcm. BHP-1460#.	
	4840	R.T.D. Running 5½".
7-20	5½" @ 4840 w/75 sx cem. PD	
	10 a.m. 7-19. WOC	
7-22	MICT	
7-25	DOC to 4831. Ran L-W log. Filled	
	hole with sand to 4813.	
	Perf 4810-12' w/24 ^s to attempt to	
	squeeze off wtr zone. Squeezed w/20	
	gals. plastic. Displaced 7½ gals.	
	Pressure-2000#.	
	Perf 4800-02 w/8 ^s N.S. Lost gun	
	in hole. Drilled it out. To	
	drill out 2' and perf.	
7-26	Perf 4800-04 w/10 ^s . N.S. Shot w/25	
	E-gun bullets. Swb 20 GFPH (oil	
	w/rty mud and 10% wtr.)	

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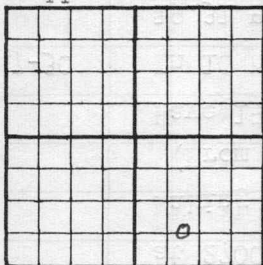
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App Ctr SW SE



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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	
	Drilled out plastic to 4808.	
	Perf 4804-08 w/14 ^S ; 1st hr swb 1 BO,	
	3% wtr, 2nd hr 1 BO, no wtr. Shot	
	w/24 ^S E-gun. Gd S.G. to surface.	
	Swabbed from 3 p.m.-6 a.m. 26.80 BO,	
	13.42 BW (40.22 BF) Making estimate	
	50,000 cfg/d. (Fluid increasing	
	slightly and cleaning up some.)	
	To continue swabbing 24 hrs.	

Date	Depth	702541
7-27	In 24 hrs swabbed 31.81 BO & 17 BW.	
	(The last 12 hrs made 13.36 BO, 8.35 BW).	
	Last two pulls -- 3 hrs apart -- made 5.01 BF ea. 3 hrs or 1.67 BFPH)	
7-28	Swabbing 5 BF, 40% wtr every 3 hrs. until 1 a.m. Ran tbg.	
	Ready to start frac at 8 a.m.	
7-29	Fraced w/6000 gals oil, 6000# sd, 600 gals E-1 Adomite. Total load 351 bbls. Breakdown press-3600#. Max press-3700#. Finished @ 3000#. Went in in 46". Finished tbg flush at 2700#. Dropped to 750# in 10". Making 5 BFPH, app 100,000 cfg (From 1-6 a.m. swb 26 BF, 10% wtr) Have 150 bbls load to recover. Swbg.	
7-30	In 10 hrs swb 32.67 BF (13.36 BW, 19.31 BO) Have 115 bbls load to rec. To continue swabbing.	
8-1	10 hrs swb 17 BO, 12 BW. (Oil is new oil but had 25 bbls load not rec.) Testing.	
8-2	Swb 24 hrs @ 300' off bottom -- 61 BF (42½ BW, 18½ BO) W.O. orders.	50,000