

North Jennings Prospect

State Kansas County Decatur

Company Messman-Rinehart Oil Co. Well No. 1

Farm MUNSON

Survey _____

Block No. _____ Sec. 24 Twp. 4S Range 27 W

KB 2549 DP 2546

Co-Ord. _____ Elev. Gr. 2544

SW SW SW

Contractor: Murfin Drlg. Co.

50% Seeligson Oil Co.
 12½% Hotaling
 12½% Watkins

Geologist: George Klein
Bill Oursen

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

Ft. from N. Line 330' Ft. from S. Line _____

330' Ft. from W. Line _____ Ft. from E. Line _____

Date	Depth	Description
1969		
3-18		Stake Location
3-19		M.I.R.T.
3-20		Spud 11:00 A.M.
	276'	Set 8 5/8" casing 225 sks cement 7 sks chloride 4sks gel
		Plug down 3:00 P.M.
3-21		Drilled out 3:21 A.M.
		Circulated cement
	1005'	Drilling

Date	Depth	
3-21	1220'	Dilg. (+481)
3-22	2282'	Dilg. Anhyd 2068- 2100.
3-23	2930'	
3-24	3230'	TOP TARKIO 3144'(-595)
"		DST #1 3176-3230'
		open 1 hr. fair flow
		for 15 min. Tool plugged.
		Rec. 120' mud
		IBHP 1071# 30 min.
		FBHP 1154# 60 min.
		to re-run DST 3176'-3229'
3-25	3176-3230 3177-3229	DST #1 re-run
		open 1 hr. strong flow
		Rec. 180' gas in drilling
		collar (tool plugging)
		Rec. 15' free oil
		(gravity 35.) 110' muddy
		oil, no water mud
		sample 55% - 62%
		IBHP 1108# 30 min.
		FBHP 1071# 30 min.
		FBHP 1108# 1 hr.
		IFP 42# FFP 170#?

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State Kansas County Decatur

Company _____ Well No. _____

Farm _____

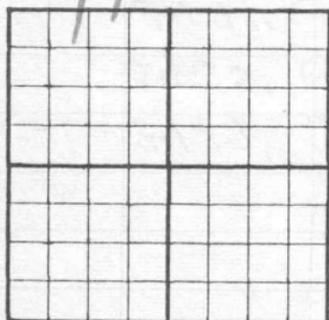
Survey _____

Block No. _____ Sec. _____ Twp. _____ Range _____

Co-Ord. _____ Elev. _____

Munson #1

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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	
3-25		DST #1 re-run cont'd (anchor + tool plugging) + zones above Howard fair to very good
		DST #2
"	3232(-683)	TOP HOWARD
	3230-45	DST #2
		tool open 1 hr strong blow thru test.
		Rec. 248' gas in pipe

Date	Depth	DST #2 cont'd
3-25		310' frothy oil in weight pipe, 120' water in collars.
		IBHP 1040# 30 min.
		FBHP 1154# 60 min.
		IFP 16# FFP 190#
		Temp 101°
3-25	3272'	drlg.
3-25	3298-3307'	DST #3
		tool open 1 hr. strong flow. Rec. 75' mdy wtr. 558' wtr.
		IBHP 1196# 30 min.
		FBHP 1206# 60 min.
		IFP 52# FFP 317#
3-26	3427'	(-878) Keebner
	3455'	(-906) Toronto
	3471'	(-922) Lansing
3-26	3520'	circulating for samples
3-26	3461-3540'	DST #4
		Tool open 1 hr. fair flow increasing thru test. Rec. 496' gas in pipe

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State Kansas County Decatur

Company _____ Well No. _____

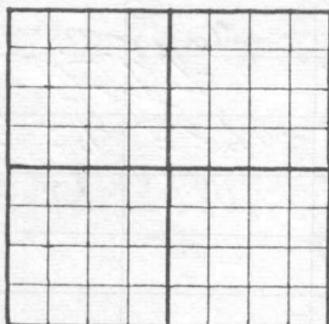
Farm _____

Survey Munson #1

Block No. _____ Sec. _____ Twp. 3 Range _____

Co-Ord. _____ Elev. _____

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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	
		DST #4 cont'd
3-26		Rec. 248' ocm, 434' frothy oil.
		1BHP 1154# 30min.
		FBHP 1133# 60min.
		IFP 116# FFP 285#
3-27	3540-3560'	TEMP 108° DST #5
		Tool open 1 hr. strong flow
		Rec. 130' gas in pipe, 496'
		HMC0, 434' o + BCW,

Date	Depth	DST #5 cont'd
3-29		248' Wtr.
		IBHP 1154# 30 min.
		FBHP 1154# 60 min.
		IFP 137# FFP 539#
		TEMP 112°
3-24	3568-3667	DST #6
		Tool open 30 min. fair
		blow decreasing and
		died. Rec 140' mud
		IBHP 1186# 30 min.
		FBHP 1248# 60 min.
		IFP 105# FFP 126#
		TEMP 106°
		Base R.C. 3666' (-1117')
3-28	3780'	drlg.
3-29	3890-	3904 Op. 40" wk blow
DST 7		Rec. 75' Drlg Mud
Weathered Granite	3910'	IBHP 1102# 30"
		FBHP 1081# 45"
		IFP 52# FFP 52#
		TEMP 105°
3/30/69	5 1/2 c.s.g. @	3680'
3/30/ RTO	3950	190 cu Cement 3 ex gel
		Plug down 11:00 A.M.

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State _____ County _____

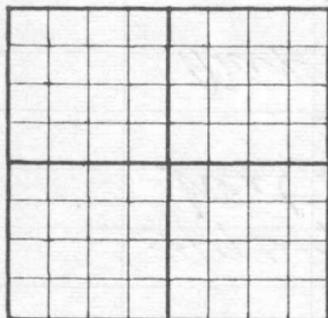
Company _____ Well No. _____

Farm _____

Survey _____

Block No. _____ Sec. _____ Twp. _____ Range _____

Co-Ord. _____ Elev. _____



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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	
4/21	3558-60'	M.I.C.T.-S.D. ran corrl. log. Prof. 8 shots Acid 500 gal. max pres. 430 th per drop to 150 th in 15 min. set overnite
4/22		swab hole down then 30 min. - 15.03 bbl 30 min. - 10.85 bbl 30 min - 7.5 bbl est 50% oil

Date	Depth	
4/22		to continue swabbing Swab 5 Bph 27% oil
4/23	3614	-16 Perf 8 shots 250 gals Mud Acid 500 gals Reg 15% Max Pres. 900-#400-#115-# 25 min.
Date	Depth	Test: Swab 5 Bph 30 Gravity: 27 Per oil
		set a Plug @ 3576'
	3496	-3501 Perf. 20 shots spots oil on Gun
	3473	-76 Perf 12 shots treat 250 mud acid 500 acid 15 Per cent Reg. acid. Max Pres. 600-#450-#300-# 150 # in 30" mins
		Set overnight:
4/24/		Test: Swab:
5/10/		Pol. Pumped 28 B.O + 127 B.W in 15 hrs. - 18 strokes per min.
5/11/69		Pumped 42 B.O + 158 B.W - 24 hrs. 12 strokes Per min. See for swab
		See blb/bp.
		Drilling In Information

State Kansas County Decatur

Company Messman-Rinkhart Well No. 1

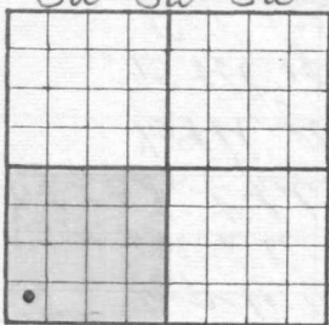
Farm Munson

Survey _____

Block No. _____ Sec. 24 Twp. 4S Range 27W

Co-Ord. _____ Elev. DF 2546
KB 2549

SW SW SW



Contractor: Murfin Drlg.

50% Seeligson Oil
12 1/2% Rotating
12 1/2% Watkins
25% M-R Oil

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

Geologist - Bill Dvrsen

Ft. from N. Line _____

Ft. from S. Line _____

Ft. from W. Line _____

Ft. from E. Line _____

Date _____ Depth _____

Drilling - In Information

<u>4/21</u>	<u>Mict. - swab hole down - run correlation + collar log</u>
<u>4/22</u>	<u>Perf. 3614-16' 4 1/2 ft. treat w/ 250 mca + 500 gal. reg. acid - Max press. 900# - pd in at 400# - 125# - 25" after flush - swab back log - then swab rest of day. Final test + 7 1/2 bbl/hr -</u>

Date	Depth
	40% oil.
4/23	Overnite fill-up 1700' - (36 bbl) 10.5 bbls oil + 25.5 bbl. wtr. Set plug @ 3576' + swb hole dry. Perf. 3558-61' 4 ⁵ / ₈ " ft. - fill up 1700' fluid - 30% oil - swb w/ 7" H hr. - 25% oil - communicated w/ lower zone. Set plug @ 3524' Swb dry - Perf. 3498-3501 + 3473-76 swb dry - treat with 250g. MCA + 500 g. Reg. acid - Max Press. 600# fd in at 450# - finish up @ 300# drop to 150# - 30" after flush - shut in overnite
4/24	Swb hole down - Swb 3 hrs. - last hr. 1/2 bbl. fluid mostly wtr w/ S.O. - 15 bbl. of load not recovered. Perf. 3235-38 (Howard), 3208-13, 3190-92, 3146-50 all in Tarkio w/ 4 ⁵ / ₈ " Ran tubing w/ Packer + Straddle Howard zone 3235-38' Treat w/ 250 gal. MCA + 500 gal Reg. acid. Press. to 200# + casing Press. began building up + flowing (communicating w/ upper zone). 4/24/69

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Company

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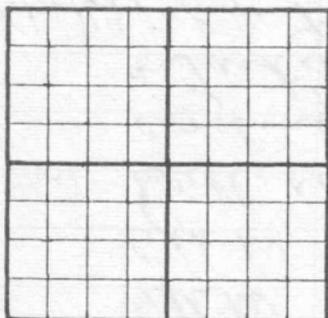
Sec.

Twp.

Range

Co-Ord.

Elev.



Drilling - In
Information

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Ft. from N. Line

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Ft. from W. Line

Ft. from E. Line

Date	Depth
4/25	Pulled thg + Packer + straddle zones 3235-38, 3208+13 + 3190-92 + treat w/ 500 gal. MCA + 500 gal. Hg. acid. Max Press. 325# - fid in 1/6 bbl/hr. 150# on thg 1 hr. after flush - swb load back - Avg. 7 bbl/ fluid/hr - 6 hrs. 40% oil (35 grav. est).
4/26	Ran thg. w/ Packer + straddle zone 3146-50 (Larkio)

Date	Depth	
4/27	Acidize w/ 250 gal MCA. + 500 gal. Reg. acid, Max Press. 500# - fed in @ 400# - Press. fell 400 - 125# in 10" & on vac. in 35" - sub 4 hrs. after load recovery avg. 8.35 ttf/ft. (very emulsified) est 30% oil.	
4/28	Swing above zone Avg. 8 ttf/ft. - 30% oil - 5 hrs. Pull packer + sub Howard + Tarkio zones	
	1st hr. 20 ttf. 25-40% oil ^{slav.} 36°-60°	
	2nd hr. 18 " "	
	3rd hr. 13 " "	
	4th hr. 14 " "	
	5th hr. 13 " "	
4/28	Drill out Plug @ 3524 to combine Lansing, Howard & Tarkio zones.	
5/10/69	POP # Pumped 28 BOT, 127 BW	
5/11/69	in 15 hrs - 18 strokes @ min.	
5/11/69	Pumped 42 BOT, 158 BW - 24 hrs. 12 strokes @ min. Sin for Sw Dn	
5/15/69	Pumped 40 ttf. oil + 145 ttf. wtr. in 15 hours.	
5/16-17	Pumped 55 ttf. oil + 132 ttf. wtr. in 24 hours.	
	666-5469.	

State Kansas County Decatur

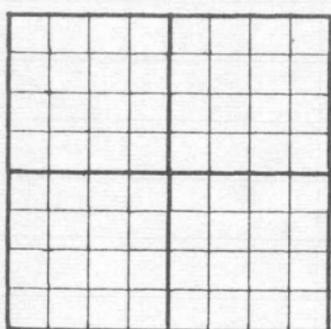
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Ft. from N. Line _____ Ft. from S. Line _____
Ft. from W. Line _____ Ft. from E. Line _____

Date	Depth	
5-25 to 6-1		8 da. average prod. - 54 bbls oil per da. + 140 bbls. wt. per day.
6/16/69-		43 bbls oil per day + 135 Bwpd -
4/1/70		Pumped 42 bbls oil plus 150 Bw