

SIDE TWO

OPERATOR Lochiel Exploration, Ltd LEASE McKinney #1 SEC. 20 TWP. 33 RGE. 8 W

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Check if no Drill Stem Tests Run.				
Sand, Shale	0	825	Heebner	3412
Shale	825	1834	Douglas	3450
Lime, Shale	1834	2055	Iatan	3674
Shale, Lime	2055	2696	Stalnaker	3736
Lime, Shale	2696	3073	Kansas City	3988
Shale, Lime	3073	3412	Stark	4127
Shale	3412	2416	Base, K.C.	4211
Lime, Shale	3416	3450	Cherokee	4382
Shale	3450	3674	Mississippi	4499
Lime	3674	3736	Kinderhook	4775
Sand	3736	3988	Viola	4852
Lime	3988	4211	Simpson Sand	4917
Lime, Shale	4211	4382	LTD	4970
Sand	4382	4499	RTD	4970
Chert, Lime	4499	4775		
Sand, Shale	4775	4852		
Lime	4852	4917		
Sand	4917	4970		
LTD				
RTD	4970			
DST #1 4460-4510 time o.b. 3 hrs. ISIP 1792; FSIP 1785; 1F 121-121; FF 105-105; HYD 2231; rec. 140' gas cut mud; 200,000 gas blow gas to surface in 11 min.				
DST #2 4510-4525 time o.b. 3½ hrs., 1st open 372,000 gas 2nd open 578,000 gas gas to surface 5 min. rec. 120' gassy oil cut mud; 80' gassy oil cut water				
If additional space is needed use Page 2, Side 2				

Report of all strings set — surface, intermediate, production, etc. **CASING RECORD** (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
surface	12 1/4	8 5/8"	23#	265'	common	200	3%cc; 2% gel
production	7 7/8	4 1/2"	10.5#	4628'	20 bbl salt flush and 50-50 poz		2% gel; 10% salt

LINER RECORD**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	19 Gr. Jets	4508-4512
			4		4522-4524
			2		4508-4512 Re-Perfed
TUBING RECORD					
Size	Setting depth	Packer set at			
2 3/8 EUE	4512'				

Computer Inventoried

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ACO-1 WELL HISTORY

OPERATOR Lochiel Exploration LEASE NAME McKinney #1 SEC. 20 TWP. 33 RGE. 8 W

FILL IN WELL LOG AS REQUIRED:

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FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
ACID, FRACTURE, SHOT, CEMENT SQUEESE RECORD - CONTINUED				
Amount & kind of material used			Depth	
40 Skts Cement			4508-4512'	
1 Bbl. 15% demud acid			4522-4524'	
66 Skts cement			4522-4524'	
1 Bbl 15% demud acid			4508-4512'	
2 Bbl 15% demud acid			4508-4512'	
2 Bbl 15% MCA oil			4508-4512'	

ACID, FRACTURE, SHOT, CEMENT SQUEESE RECORD

Amount and kind of material used	Depth interval treated
1 Bbl BDA Acid	4508-4512
250 Gal. 15% MSR Acid	" "
150 Skts Cement	" "
1 Bbl 15% MSR	" "
1 Bbl. 15% Acid	" "
75/25 Foam W/ 800# 20/40 sand	
Date of first production	Producing method (flowing, pumping, gas lift, etc.)
	Flowing
Estimated Production - I.P.	Oil bbis. Gas MCF Water % bbis. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Perforations 4508-4512
To be sold	