

SIDE TWO

OPERATOR Black Diamond Oil, Inc. LEASE Mullagen SEC. 32 TWP. 6 RGE. 20 32-6-20W
ACU-1 WELL HISTORY
XXX
①

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 4

Show all important zones of porosity and contents thereof; cased 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
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run.				
<input type="checkbox"/> Check if samples sent to Geological Survey				
Anhydrite	1802'			
Bs. Anhydrite	--			
Topeka	3189'			
Oread	3351'			
Heebner	3400'			
Toronto	3422'			
Lansing-K.C.	3436'			
Bs. K.C.	3630'			
Marmaton	3635'			
Weathered Arbuckle	3677'			
Arbuckle	3714'			
T.D.	3740'			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated
treat W/ 1000 gls. 15% mud acid		3617, 3596 & 3586'
treat w/ 250 gs. 15% mud acid retreat w/ 1000 gs. 15% MA		3670-72
Date of first production 6/22/84	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity 38°
Estimated Production -I.P.	Oil 48 bbls. Gas AUG 30 1984 MCF 4 %	Water % Gas-oil ratio CFPB

If additional space is needed use Page 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"	20#	263'	Common	170	3% c.c.; 2% gel.
Production	7 7/8"	4 1/2"	10.5	3740'	Common	175	60/40 pz.; 10% salt, 5% gel., 2% gel.,

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	JET	3586; 3598; 3617, 3423; 3438;
			4	JET	3670-72, 3615-18, 3594-98, 3584-89, 3436-40, 3421-24
Size	Setting depth	Packer set at			
2"	3647'				