	~				Reiget Bur oval e:	reau No. 42–R355.1. Apires 11–30–49.	
Form 9-330					U. S. La	ND OFFICE Las Cruses, N.N.	
					HGE SERIAL I	R PERMIT TO PROSPECT 065161	
•					JUN 13 8 5	5 AN CC	
			DEP	ARTMEN	T OF THE IN	rerior	
				GEOL	OGICAL SURVEY		
				_	<u></u>		
			\sim			C WELL	
		LO	GC	JF OI	IL OR GA	S WELL	
LOCATE WELL				A Jahoon	P. 0. Box	1379	
Company	The Devonian C	ompany		Address	P. O. Box	State New Mexico	
Lessor or Tract	J. Brown	e n 20 23			M Count	yLea	
Well No1	Sec19 T. 3	=0 K. 00 - 0 K		e W Lin	e of Section 1	9 Elevation 3975	
Location _660 ft.	$\{\overline{S}, \}$ of <u>N</u> Line	and $\frac{1}{2}$	λακζ) ^Ο . αto en	d correct	record of the well	9 Elevation 3975 (Detrick floor relative to see lovel) and all work done thereon	
The informa so far as can be (determined from a	ll available re	cords.		2 10/1	Often	
				Signed .		Theftee	
	6-51			41	Title	-Highneer	
The summa	ry on this page is	for the condit	ion of	the well a	at above date.	10 47	
Commenced drill	linglecem					ary 1, 19.47	
		OIL OR G		ands of gas by G)	R ZONES		
No 1 from	945 to	5011		No. 4,	from	to	
No 2 from	to			No. 5,	from	to	
No 3 from	to			No. 6,	from	to	
110. 0, 110.		IMPORT	ANT	WATER	SANDS		
No. 1, from	None to					to	
	to			No. 4,	from	to	
				RECOR	D		
Size Weight easing per foot	Threads per M	ake Amoun	t Ki	nd of shoe	Cut and pulled from	Perforated From To-	
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2 4.7	8rd Na	TIL NUAL	OF (OIL OR	LAS WELL		
	N	IUDDING A	ND C	EMENTI	NG RECORD		
Size Where a	et Number sach	s of cement	Me	thod used	Mud gravity	Amount of mud used	
13-3/B 330	1.3" DF 27	5	Hall	burton	11.2	None None	
7 4925	• 3" DF 30					NOILE	
		PLUG	S AN	D ADAP	TERS		
				gth		epth set	
Adapters-Ma	erial	GUI		NG RECO			
					ate Depth shot	Depth cleaned out	
Size S		osive used					
				ls used		f i l	
Rotary tools w	ere used from	-O fee	t to	4952	feet, and from	feet to feet	
Cable tools we	e used from	fee			feet, and from	feet to feet	
		10	D	ATES But to	producing	, 19	
	,				-	h % was oil; %	
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emulsion;	% water; and	% sedimen	ι ι .	Callena	• ·		
				,	gasonne per 1,000	cu. ft. of gas	
Rock pres	sure, lbs. p er sq. i	n	FME	LOYEES			
		, Drille			Milhoa	n_Drilling_CompanyDriller	
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		FOR	RMAT	ION REC	CORD		
FBOM	то—	TOTAL FE	ет		FORM	LATION	
	<u></u>	-					
0 230	230 271	230 41			e & Sand		
230	285	41 14		Blue Shale Sand			
285	415	130		Blue Shale			
415 476	476 2035	61 1559		Red Rock Red Rock & Shale			
2035	22 2 0	185		Sand, Red Rock, Shells			
2220 2400	2400 2479	180 79		Anhydrite Anhydrite, salt, shale			
2479	27 50	271		Anhydrite, salt, shells			
2750 3157	3157 3350	407 193		Anhydrite, red rock Anhydrite, Shells, red rock			
3350	4239	889		Anhydrite			
4239 4260	4260 4322	21 62		Anhydri Lime	te, lime		
4322	4525	203		Anhydri	te, lime		
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12-10-48

Plan to drill water well and run 7" OD casing to bottom, perf. opposite water sand

12-11-46

Formation of Water well Sand 0 - 196Blue Shale 196-256 Sand 🗽 gravel 256-285 - Water sand (3 gal./min) Red Rock 285-287 - TD

water well was cased w/ 7" OD casing to 287'. Perforated 22'9" on bottom. Well was left for land owner

12-15-46

13-3/8", 36# Armco casing set at 320' DF. Cemented w/ 275 sx of Trinity Hi Early Cement. Cement was circulated. Pipe was cemented at 10 AM 12-15-46. Will be tested at 10 AM 12-17-46. Permission to start drilling at end of 46 hrs. was granted by Mr. Barnett.

12-18-46

Tested 13-3/8" surface csg. w/ 500% for 30 mins. Tested CK. Test was made from 2:40 PM to 3:10 PM Tuesday 12-17-46.

12-30-46

This well is running approximately the same as the nearest well 3 miles .W. we are requesting a change in plan of drilling in. Instead of running 7" OD csg. we will drill the well in by coring, have the cores analyzed, and run Schlumberger, submitting a comp. report to the U.S.G.S. office at Roswell. If the reports indicate that we have a well, 7" OD csg. will be run and cemented w/ enough cement to bring it to the base of the sale. Present depth is 4850' at 4 PM 12-29-46. 7" csg. will be set at, or near, the two of the pay section.

1-6-67

7" OD csg. set at 4926 and cemented w/ 300 sx Monarch Common Cement at 7 AM 1-6-47. Will test csg. at 5 AM 1-9-47 and start drlg. plug 7 AM 1-9-47.

1-6-47

Plan to acidize well w/ 12,500 gal. acid in 2 stages starting 1-12-47

1-14-47

7" OD casing was tested for 30 min. at 1000# 1-9-47. Tested OK.

1-11-47

Swabbing nat. test, no free oil, 10,000 cu. ft. gas

1-12-47

Washed formation w/ 150 gal. acid. Let set 30 mins. and rev. out. Acidized w/ 1350 gal. acid. Press. on csg. 1900%. Swabbed out oil load and acid. Gas 20,000 cu.ft. No free oil after this shot.

<u>1-14-47</u>

Acidized w/ 4000 gal. Swabbed back cil load and acid. No prod. Blight inc. on gas. Made 25,000 cu. ft.

<u>1-19-47</u>

Acidized w/ 10,000 gal. Swabbed out oil load and acid 1-19-47 to 1-22-47.

<u>1-23-47</u>

Swabbing cutting 6 to 50%. CP 700%. 1-24-47 Swabbing 109 bbls. fluid in 11 hrs. cutting 17%. CP 650#, TP 440#. 1-25-47 - Swabbed and flowed 99 bbls. fluid in 10 hrs. cutting 17%. CP 575#, TP 425#. 1-26-47 swabbed and flowed 78 bbls. in 10 hrs. cutting 17% salt water. 1-27-47 swabbed and flowed 87 bbls. in 10 hrs. cutring 25% salt water. Gas 250,000 cu. ft.

1-28-47

Tearing down and moving off swabbing unit. Unable to give actual amount of pipe line oil at this time. Above figures are gross.

2-4-47

Our notice of intention to drill dated 11-25-46, proposed to cement the 7" casing at about 4835' w/ 75 sx cement and then perf. and squeeze the necessary amount of cement behing the pipe to protect the sale section, amt. and depths of such squeeze job to be worked out with your office. The 7" casing was cemented at 4926' w/ 300 sx cement and tested OK. Top of salt section was encountered at 2370' and base of salt section at 2960'. We now propose to delay the cem - , squeeze job at the top of the ilt until some time within 60 days after placing the well c he pump. Depth of cementing ϵ ant. of cement to be used will be discussed w/ your office before commencing the work.

<u>2-14-4</u>7

Well flowed 147.66 bbls cutting 14% on 12/64 choke for 24 hr potential starting 11 AM 2-12-47 and ending 11 AM 2-13-47. Net oil 126.99 bbls.

GOR 643 Cu. Ft/bbl. Opening casing press. 1250#, closing csg. press 775#. Opening tbg press. 1250#.

<u>10-18-49</u>

This is notice of intention to perf. and squeeze in the anhydrite section above the salt. 7" casing to be perf. from 2322-2324 using 75 sx cormon cement, testing and squeezing w/ 50 sx every 8 hrs until cement can no longer be pumped into formation.