



AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Tide Water Associated Oil Company, Drawer KK, Hobbs, New Mexico

Company or Operator **R.L. Clifton** Well No. **2** in **SW/4 of SW/4** of Sec. **4**, T. **22-S**
 Lease **37-E** N. M. P. M. **Brunson** Field, **Lea** County.
 Well is **4,620** feet south of the North line and **4,470** feet west of the East line of **Section 4**
 If State land the oil and gas lease is No. _____ Assignment No. _____
 If patented land the owner is **R.L. Clifton** Address _____
 If Government land the permittee is _____ Address _____
 The Lessee is **Tide Water Associated Oil Co.** Address **As above**
 Drilling commenced **April 9th, 1946** Drilling was completed **July 25th, 1946**
 Name of drilling contractor **Arrow Drilling Company** Address **Tulsa, Oklahoma**
 Elevation above sea level at top of casing **3,430** feet.
 The information given is to be kept confidential until **Not confidential** 19____

OIL SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **None shown on log** to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8" OD	36#	8 Slip	Jt. Armco	320'	T.P.				
9-5/8" OD	36#	8 Rd.	J&L	2963'	Halliburton				
5-1/2" OD	17#	8 Rd.	Spang	8166'	Larkin		8010	8035'	Production
TUBING									
2-3/8" OD	4.7#	8 Rd.	Nat'l	8079'			8032'	8035'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18"	13-3/8	355'	325	Halliburton		
12 1/2"	9-5/8	2955	1800	"		
7-7/8"	5-1/2	8096	1350	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
 Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS - See attached sheet

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from **0** feet to **8,097** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **August 10th, 1946**
 The production of the first 24 hours was **263.25** barrels of fluid of which **99.8** % was oil; **No** % emulsion; **No** % water; and **2/10** % sediment. Gravity, Be. **38.5 @ 81**
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. **No Test**

EMPLOYEES

Ed. James _____ Driller **G.W. Mills** _____ Driller
 H.H. Hinch _____ Driller _____ Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **24th**
 day of **August**, 19**46**
W. Vaughan
 Notary Public
 My Commission expires **Oct. 24, 1949**

Hobbs, New Mexico **8-23-46**
 Place _____ Date _____
 Name **H.G. Wesberry**
 Position **Foreman**
 Representing **Tide Water Associated Oil Co.**
 Company or Operator _____
 Address **Drawer KK, Hobbs, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	70	70	Caliche
70	1170	1100	Red Bed & Red Rock
1170	1280	110	Anhydrite
1280	1525	245	Red Rock & Salt
1525	1654	129	Salt & Anhydrite
1654	1953	289	Salt & Red Rock
1943	2427	484	Salt & Anhydrite
2427	2571	144	Anhydrite
2571	2605	34	Anhydrite & Lime Shells
2605	2710	105	Anhydrite
2710	2720	10	Anhydrite & Gyp
2720	2955	235	Anhydrite
2955	2995	40	Anhydrite & Lime Shells
2995	3070	75	Anhydrite
3070	3085	15	Sandy Lime
3085	3139	54	Brown Lime
3139	3253	114	Anhydrite & Lime
3253	3325	72	Lime & Anhydrite
3325	3355	30	Anhydrite
3355	3415	60	Lime
3415	3495	80	Anhydrite & Lime
3495	3725	230	Lime
3725	3869	144	Lime & Green Shale
3869	3906	37	Lime
3906	3994	88	Green Shale & Lime
3994	4263	269	Sandy Lime
4263	4345	82	Lime
4345	4362	17	Lime & Sand
4362	4942	580	Lime
4942	5005	63	Sandy Lime
5005	7256	2251	Lime
7256	7270	14	Shale & Lime Shells
7270	7308	38	Lime
7308	7335	27	Shale
7335	7372	37	Lime & Shale
7372	7400	28	Shale
7400	7414	14	Lime & Shale
7414	7422	8	Lime
7422	7445	23	Lime & Shale
7445	7453	8	Shale & Sand
7453	7497	44	Lime & Shale
7497	7534	37	Sand & Shale
7534	7574	40	Sand & Shale
7574	7739	165	Shale
7739	7768	29	Shale & Lime Shells
7768	7775	7	Hard Lime
7775	7781	6	Lime
7781	7875	94	Shale & Sand
7875	7918	43	Shale & Lime
7918	7944	26	Shale & Sand
7944	7950	6	Shale
7950	7967	17	Shale & Sand
7967	7985	18	Shale
7985	8011	26	Shale & Sand
8011	8045	34	Dolomite
8045	8060	15	Shale & Dolomite
8060	8082	22	Lime & Dolomite
8082	8089	7	Shale & Dolomite
8089	8093	4	Chert & Granite Wash
8093	8097	4	Chert. 8097' Total Depth

DRILL STEM TESTS - R.L. CLIFTON WELL NO. 2

From 5135' to 5210', 5/8" choke on bottom, 1 1/2" on top, recovered 300' of oil and gas cut mud, 180' of oil and gas cut water; 450' of slightly cut oil and water. 270' of water on bottom. Tool open 2 hours.

From 6455' to 6560', 5/8" choke on bottom, 1 1/2" choke on top. Recovered 515' of oil and gas cut mud.

From 7975' to 8096' - 5/8" choke on bottom, 1/2" choke on top. Well flowed 285 bbls of pipe line oil in 25 hours. Gravity 38.5 @ 81.

DRILL STEAM LOGS - F.L. CHITTON WELLS NO. 2

from 5150' to 5210' 3/8" choke on bottom, 1 1/2" on top,
recovered 300' of oil and gas out mud, 180' of oil and
gas out water; 450' of slightly out oil and water. 270'
of water on bottom. Tool open 2 hours.

from 5250' to 5300' 5/8" choke on bottom, 1 1/2" choke
on top. Recovered 215' of oil and gas out mud.

from 5350' to 5395' - 5/8" choke on bottom, 1 1/2" choke
on top. Well flowed 225' of pipe line oil in 25
hours. Average 38.5 gals.