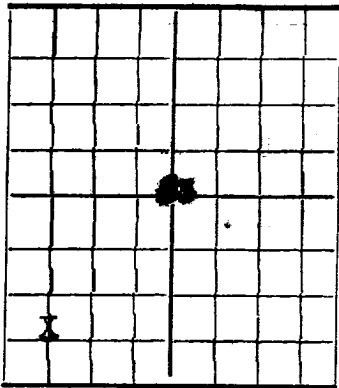


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

SKELLY OIL COMPANY

BOX 1650, TULSA, OKLAHOMA

Company or Operator **SKELLY OIL COMPANY** Address **BOX 1650, TULSA, OKLAHOMA**

Lease **KING "A"** Well No. **4** in **SW SW** of Sec. **33**, T. **22**

R. **37**, N. M. P. M., **SKELLY** Field, **LEA** County.

Well is **4620** feet south of the North line and **4620** feet west of the East line of **Section 33**

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is **B. L. King**, Address **Runia, N.M.**

If Government land the permittee is _____, Address _____

The Lessee is _____, Address _____

Drilling commenced **6-29-42** 19____ Drilling was completed _____ 19____

Name of drilling contractor **L. G. ASHLEY**, Address **MONAHANS, TEXAS**

Elevation above sea level at top of casing **3362** feet.

The information given is to be kept confidential until **NO RESTRICTIONS** 19____

OIL SANDS OR ZONES

No. 1, from **3570** to **3575** No. 4, from _____ to _____

No. 2, from **3666** to **3675** 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 **100** to **115'** feet. **Water rose 50'**

No. 2, from **215** to **230** feet. **" " 70'**

No. 3, from **780** to **790** feet. **" " 320**

No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
16"	70	SV	LW	118'	TP		Surface	Water
13"	45	SV	SS	433	TP			
10-3/4"	40	SV	SS	730	TP			
8-5/8"	32#	SV	LW	1196	TP			
7"	20224	SR	SS	3437	TP			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17	16"	127'	100	Halliburton		None
15	13"	429'		Landed		
13 1/2"	10-3/4"	730'		Landed		
10	8-5/8"	1192'		Landed		
8 1/2"	7"	3411'	250	Halliburton		

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
4 1/2"		SNQ	490 qts	9-8-42	3570'-3804 TD 3716'	

Results of shooting or chemical treatment **Increased production from 16 barrels per day swabbing to 45 barrels per day pumping.**

RECORD OF DRILL-STEM AND SPECIAL TESTS

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from **0** feet to **3716'** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **10-25-42**, 19____.

The production of the first 24 hours was **60** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be **38**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. A. Fowler, Driller **W. T. Goldesberry**, Driller

_____, 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.

HOBBES NEW MEXICO

Subscribed and sworn to before me this **29** day of **October**, 19 **42**

Name _____ Position **Dist. Supt.**

Notary Public. Representing **Skelly Oil Company**

My Commission expires **Dec. 17, 1944** Address **Drawer D Hobbs, N.M.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Caliche
18	50	27	Sand & Gravel
50	115	65	Water Sand 50' water in hole
115	127	12	Redbed - Cemented 16" casing at 127' with 100 sacks.
127	155	28	Redbed
155	175	20	Blue shale
175	215	40	Redrock
215	250	35	Water Sand 70' water in hole
250	310	60	Blue shale
310	429	119	Redbed - Landed 13" OD casing at 429'
429	465	36	Blue Shale
465	485	20	Brown Shale
485	540	55	Red Shale
540	605	65	Grey Shale
605	625	20	Brown Shale
625	730	105	Red bed & shale - Landed 10-3/4" casing at 730'.
730	1188	458	Redbed & shale
1188	1300	112	Anhydrite - Top anhydrite 1188'. Landed 8-5/8" casing at 1192'.
1300	1320	20	Salt
1320	1340	20	Anhydrite
1340	1535	195	Salt potash & anhydrite
1535	1553	18	Anhydrite
1553	1660	107	Salt potash & anhydrite
1660	1700	40	Anhydrite
1700	1765	65	Salt
1765	1800	35	Anhydrite
1800	1828	28	Redbed & shale
1828	2145	317	Salt & potash
2145	2170	25	Hard anhydrite
2170	2515	345	Salt, potash w/ anhydrite breaks. Base salt 2515'
2515	2865	350	Anhydrite & lime
2865	2882	17	Grey lime
2882	2897	15	Brown lime
2897	2981	84	Lime & anhydrite
2981	3100	119	Lime & anhydrite shells
3100	3113	13	Grey lime
3113	3135	22	Brown lime
3135	3375	240	Broken lime & anhydrite
3375	3411	36	Hard lime- Cemented 7" casing at 3411' with 250 sacks cement. Let stand 72 hours drilled plug and tested shutoff OK. Pulled all 13" and 8-5/8" casing. Could not pull 10-3/4" casing so clamped up and resumed drilling ahead.
3411			
3411	3435	24	Grey lime
3435	3439	4	Brown lime
3439	3544	105	Grey lime - Hard
3544	3556	12	Sandy lime - Hard
3556	3570	14	Grey lime
3570	3573	3	Brown lime -- Show oil.
3573	3600	27	Grey lime
3600	3623	23	Sand - Show gas 3603' to 3623'
3623	3647	24	Grey lime - Hard
3647	3657	10	Sandy lime - Medium hard.
3657	3666	9	Grey lime Hard.
3666	3675	9	Medium hard broken sand - Inc. OIL
3675	3687	12	Hard lime
3687	3698	11	Sandy lime
3698	3716	18	Hard Grey lime.
TOTAL DEPTH		3716'	

After reaching total depth bailed hole dry and started test. In 24 hours swabbed and bailed 16 barrels oil. NO WATER.

Loaded hole with 400 qts. SWS from 3570' to 3704' tamped with 3 yards gravel and A.G. Time bomb. Shot exploded on time and started cleaning out with cable tools.

Spent 35 days cleaning out with spudder and cable tools, cleaning out to total depth. Ran 2" tubing with flow packer and well would not flow.

Pulled tubing and rerun tubing with rods and equipped well to pump. Placed to pumping 10-25-42 and produced as follows:

First 10 hours	31 Bbls
Next 24 "	60 "
Next 24 "	50 "
Next 24 "	45 "
Next 24 "	45 "
Next 24 "	47 "