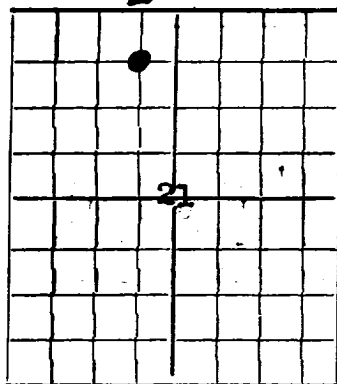


## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

COPIED FROM LOG AS SUBMITTED TO U.S.G.S. AT ROSWELL, NM.  
WELL RECORDAREA 640 ACRES  
LOCATE WELL CORRECTLY

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  
DON "B" Well No. 2 in NENW of Sec. 21, T. 17  
Lease  
R. 31, N. M. P. M., Grayburg-Jackson Field, Eddy County.  
Well is 660 feet south of the North line and 3300 feet west of the East line of Section 21  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is Address  
If Government land the permittee is H. M. Dow Address Artesia N.M.  
The Lessee is Address  
Drilling commenced 6-30-42 19 Drilling was completed 8-26-42 19  
Name of drilling contractor J C Clower Address Eunice, N.M.  
Elevation above sea level at top of casing 3764 feet.  
The information given is to be kept confidential until No restrictions 19

OIL SANDS OR ZONES  
No. 1, from 1800 Show gas 2048 to 2054 SS Gas No. 4, from 2510 2950 to 3043 2525 Gas 2955 SS Oil  
No. 2, from 2010 SS Oil 2085 to SS Oil No. 5, from 3098 to 3105 VSS Oil & Gas  
No. 3, from 2120 to 2123 Oil No. 6, from 3148 to 3155 S Inc. Oil  
Broken pay to TD 3588'

## IMPORTANT WATER SANDS

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

No. 1, from 525 to 540 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 FROM TO	PURPOSE
8-5/8	32	8V	LW	667	TP	Protect salt		
7	20	8R	SS	2924	TP	Oil String		

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8-5/8	660	100	Halliburton	5 Tons mud	ahead cement
	7	2896	200	Halliburton	10 tons mud	ahead cement

## 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
Treated w/	2 stage acid	treatment total	3000 gallons.			

Results of shooting or chemical treatment Inc. production from 40 BPD to 75 BPD

## 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 3588 feet, and from feet to feet

## PRODUCTION

Put to producing 9-1-42, 19  
The production of the first 24 hours was 75 barrels of fluid of which 100 % was oil; %  
emulsion; % water; and % sediment. Gravity, Be  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

## EMPLOYEES

T N Sanders, Driller H A Masterson, 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.

Hobbs, N.M. September 30, 1942  
Place Date  
Subscribed and sworn to before me this 30  
day of , 19  
Notary Public. Name (Signed) L. N. DUNLAVEY  
Position Dist. Supt.  
Representing Skelly Oil Company  
Company or Operator  
My Commission expires Address Drawer "D", Hobbs, N.M.

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Sand - Top soil - Loose
29	310	290	Sandy red shale
310	485	175	Anhydrite - Top Anhy. 310' by samples
485	563	78	Red shale (Water 525' to 540')
563	1410	847	Salt & Potash Cemented 8-5/8" casing at 660' with 100 sacks cement preceded by 5 tons mud.
1410	1450	40	Anhydrite
1450	1487	37	Salt & Anhydrite
1487	1592	105	Anhydrite
1592	1635	43	Yates Sand
1635	1728	93	Broken anhydrite & red shale
1728	1822	94	Anhydrite (Show gas 1800')
1822	1895	73	Anhydrite & redshale Broken
1895	2120	225	Anhydrite. VSSO 2010 SS Gas 2048 to 2054 and SS Oil 2085
2120	2123	3	Brown lime - Good show oil
2123	2377	254	Anhydrite
2377	2395	18	Anhydrite & redrock - Broken
2395	2488	93	Anhydrite
2488	2508	20	Redsand
2508	2510	2	Anhydrite
2510	2525	15	Red sand - Inc. Gas to est 50 MCF
2525	2639	114	Anhydrite
2639	2653	14	Lime
2653	2783	130	Anhydrite
2783	2807	24	Sandy Lime & anhydrite
2807	2857	50	Lime & anhydrite
2857	2901	44	Grey lime. Ran Halliburton Electric Log from 660 to 2901' then ran and cemented 7" casing at 2896' with 200 sacks cement preceded by 10 tons mud. In running casing evidently gas absorbed part of fluid from mud making it necessary to use 1800# pressure to displace cement behind pipe. This evidenced by fact that mud which came to surface was very stiff and sticky. Let cement 72 hours, drilled plug tested casing shut off OK.
2901	2950	49	Lime
2950	2955	5	Lime - Small show oil
2955	3043	88	Lime - Hard
3043	3050	7	Med Lime - Small amount gas.
3050	3092	42	Lime " Hard
3092	3105	13	Sandy Lime - Slight inc. gas/
3105	3148	43	Hard Lime
3148	3155	7	Med. Lime - Small inc. Oil
3155	3258	103	Hard Lime - TOP SAN ANDRES 3210'
3258	3268	10	Oil Sand - 1600' OIH in 8 hours. Well started flowing by heads.
3268	3588	320	Lime NOTE: In drilling from 3268' to TD 3588', small increases were picked in broken pay section. At time reaching TD well was flowing by heads 40 barrels per day.
			TOTAL DEPTH 3588
Swabbed and bailed hole down and tested 55 barrels in 24 hours with no water. After letting well flow several days thru various size chokes on 2" EUE tubing run to 3588' with Robinson formation packer set at 3222' and perforation on bottom, well was then acidized as follows;			
FIRST STAGE 1000 gallons. Time of treatment 45 minutes chased acid with 22 bbls oil then swabbed into pits to clear up of acid water. Turned into tanks and well did not flow steady. Shut in over nite and then placed on choke, flowing for short period of time and then swabbing, well was produced several days in this manner then tubing was pulled and packer reset at 3377'. Swabbed well and recovered 14 barrels oil.			
SECOND STATE: 2000 gallons. Time of treatment 4½ hours. Chased acid with 20 barrels of oil then started swabbing into pits to clear up of acid water. After clearing up well was turned into tanks and tested 37 barrels of oil in 24 hours.			
Pulled tubing and removed formation packer and rerun tubing with American flow packer set at 2857'. Swabbed well thru casing while tubing was out of hole and recovered 155 barrels oil. After running tubing and setting packer, well kicked off and started flowing thru choke.			
Produced first 24 hours thru various size chokes 63 Bbls			
Next ditto 83 "			
Next ditto thru 16/64 choke 64 "			
			TOTAL DEPTH 3588