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| PRODUCTION OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
 (Rev. 7-60)

HOBBS OFFICE O. C. C.

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE **DEC 27 3 12 PM '63**

| | | | | | | | |
|---|---------------------|-------------------------|----------------------------|---|-------------------------|----------------------|--|
| Company or Operator Skelly Oil Company | | | | Lease Mexico "F" | | Well No. 2 | |
| Unit Letter "B" | Section 2 | Township 15-S | Range 37-E | County Lea | | | |
| Pool Denton | | | | Kind of Lease (State, Fed, Fee) State | | | |
| If well produces oil or condensate give location of tanks | | | Unit Letter "B" | Section 2 | Township 15-S | Range 37-E | |
| Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Service Pipe Line Company | | | | Address (give address to which approved copy of this form is to be sent) Box 1088 - Lovington, New Mexico | | | |
| Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | |
| Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> The Atlantic Refining Company | | | Date Connected ? | Address (give address to which approved copy of this form is to be sent) Box 696 - Lovington, New Mexico | | | |

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

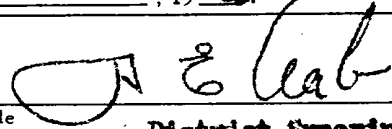
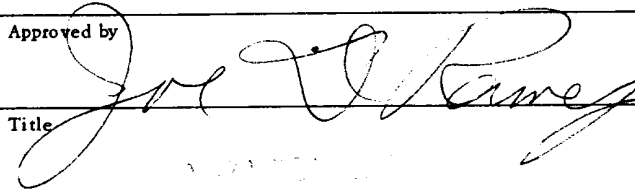
- | | |
|---|--|
| New Well <input type="checkbox"/> | Change in Ownership <input type="checkbox"/> |
| Change in Transporter (check one) | Other (explain below) |
| Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> | |
| Casing head gas . <input checked="" type="checkbox"/> Condensate.. <input type="checkbox"/> | |

Remarks

Filed to comply with New Mexico Oil Conservation Commission's letter of November 1, 1963.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

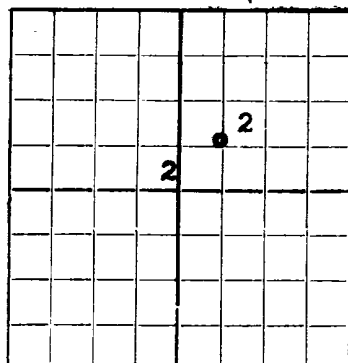
Executed this the **24th** day of **December**, 19 **63**

| | | |
|---|---|--|
| OIL CONSERVATION COMMISSION | | By  |
| Approved by  | Title District Superintendent | |
| Title | Company Skelly Oil Company | |
| Date Dec 27 1963 | Address P.O. Box 730, Hobbs, New Mexico | |

N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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.

Skelly Oil Company Mexico "F"
Company or Operator Lease
Well No. **2** in **SW/4 NE/4** of Sec. **2**, T. **15S**
R. **37E**, N. M. P. M., **Denton** Field, **Lea** County.
Well is **1980** feet south of the North line and **1980** feet west of the East line of **Section 2**
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 _____, Address _____
The Lessee is **Skelly Oil Company**, Address **Tulsa, Oklahoma**
Drilling commenced **May 11,** 19 **51** Drilling was completed **October 29,** 19 **51**
Name of drilling contractor **Rowan Drilling Co.**, Address **Ft. Worth, Texas**
Elevation above sea level at top of casing **3797** feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **9040** to **9196** No. 4, from **12320** to **12769**
No. 2, from **11983** to **12106** No. 5, from _____ to _____
No. 3, from **12201** to **12320** 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 _____ 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 FROM | TO | PURPOSE |
|--------|-----------------|------------------|-------------|--------|--------------|-------------------|-----------------|----|---------|
| 13-3/8 | 44.5 | PE | Armco | 326 | | | | | |
| 9-5/8 | 36 | 8R | Nat'l | 2690 | | | | | |
| 9-5/8 | 40 | 8R | Nat'l | 2152 | | | | | |
| 5-1/2 | 20 | 8R | Youngs-town | 3849 | | | | | |
| 5-1/2 | 17 | 8R | Nat'l | 5820 | | | | | |
| 5-1/2 | 17 | 8R | Youngs-town | 3285 | | | | | |

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 | 338 | 325 | Halliburton | | |
| 12-1/4 | 9-5/8 | 4800 | 3500 | Halliburton | | |
| 7-7/8 | 5-1/2 | 12840 | 1645 | Halliburton | Halliburton 2-stage tool set @ 8928'. | |

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 |
|------|------------|---|----------|------|-----------------------|-------------------|
| | | 1600 gallons acid used (See back of page) | | | | |

Results of shooting or chemical treatment _____

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 **0** feet to **12840** feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing **November 23,** 19 **51**
The production of the first 24 hours was **450** barrels of fluid of which **100** % was oil; **—** % emulsion; **—** % water; and **—** % sediment. Gravity, **Box 43.6° API**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Pruitt Guess Driller **A. H. Burnett** Driller
H. M. Gibbins Driller **Roy Lynch** 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 **3rd**

Hobbs, New Mexico — **January 3, 1952**
Place Date

day of **January**, 19 **52**

Name **D. J. Mulvey**

Position **Dist. Supt.**

Representing **Skelly Oil Co.** Company or Operator.

My Commission expires **Aug 1 1952**

Address **Box 38 — Hobbs, N. M.**

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|-------|-------|----------------------|--|
| 0 | 250 | 250 | Caliche, Sand & Shells |
| 250 | 338 | 88 | Red Bed & Red Rock |
| 338 | 1056 | 718 | Red Bed |
| 1056 | 2330 | 1274 | Red Bed & Anhydrite - Top Anhydrite 2124' |
| 2330 | 3080 | 750 | Anhydrite & Salt - Top Yates 3080' |
| 3080 | 3355 | 275 | Anhydrite, Salt & Sand Streaks |
| 3355 | 3930 | 575 | Anhydrite w/ Salt Streaks |
| 3930 | 4362 | 432 | Anhydrite & Gypsum |
| 4362 | 4778 | 416 | Anhydrite & Lime - Top San Andres 4635' |
| 4778 | 5348 | 570 | Lime |
| 5348 | 5991 | 643 | Sandy Lime |
| 5991 | 6179 | 188 | Lime & Sand - Top Glorietta - 6160' |
| 6179 | 6325 | 146 | Lime |
| 6325 | 6467 | 142 | Lime & Sand |
| 6467 | 6779 | 312 | Sandy Lime - Top Clearfork 6725' |
| 6779 | 7273 | 494 | Lime - Top Tubb 7273' |
| 7273 | 7945 | 672 | Lime - Top Abo 7945' |
| 7945 | 8960 | 1015 | Shale & Lime |
| 8960 | 9010 | 50 | Shale, lime & Chert |
| 9010 | 9201 | 191 | Lime - Top Wolfcamp 9040' |
| 9201 | 9313 | 112 | Lime & Shale |
| 9313 | 9379 | 66 | Lime |
| 9379 | 9400 | 21 | Lime w/ Chert Streaks - Top Hueco 9400' |
| 9400 | 9628 | 228 | Lime & Chert |
| 9628 | 10006 | 378 | Lime - Top Pennsylvanian 10006' |
| 10006 | 10683 | 677 | Lime - Top Pennsylvanian Oolitic Ls 10510' |
| 10683 | 10870 | 187 | Lime & Chert |
| 10870 | 10891 | 21 | Chert |
| 10891 | 11027 | 136 | Lime & Chert |
| 11027 | 11128 | 101 | Lime & Shale - Top Mississippian 11082' |
| 11128 | 11156 | 28 | Lime & Chert |
| 11156 | 11172 | 16 | Chert |
| 11172 | 11196 | 24 | Chert & Lime |
| 11196 | 11299 | 103 | Chert |
| 11299 | 11353 | 54 | Chert & Lime |
| 11353 | 11425 | 72 | Lime & Shale |
| 11425 | 11439 | 14 | Chert & Lime |
| 11439 | 11454 | 15 | Shale & Lime |
| 11454 | 11470 | 16 | Cherty Lime & Shale |
| 11470 | 11680 | 210 | Lime & Shale |
| 11680 | 11778 | 98 | Lime & Chert |
| 11778 | 11918 | 140 | Lime & Shale - Top Woodford Shale 11830' |
| 11918 | 11979 | 61 | Shale & Lime - Top Devonian 11979' |
| 11979 | 11983 | 4 | Shale & Lime - Top Devonian Pay 11983' |
| 11983 | 12092 | 109 | Lime & Shale |
| 12092 | 12544 | 452 | Lime |
| 12544 | 12562 | 18 | Lime w/ Chert Streaks |
| 12562 | 12666 | 104 | Lime |
| 12666 | 12678 | 12 | Lime & Chert |
| 12678 | 12696 | 18 | Chert |
| 12696 | 12752 | 56 | Lime & Chert |
| 12752 | 12840 | 88 | Lime - TOTAL DEPTH |

Acid Treatment

| Type | Quantity | Date | Depth |
|-----------------------|------------|----------|------------------------------|
| Western Mud Acid | 500 gals. | 11-11-51 | 12640-12550' |
| Western 15% Reg. Acid | 1500 gals. | 11-11-51 | 12640-12550' - Plug @ 12540' |
| Western Mud Acid | 500 gals. | 11-14-51 | 12520-12460' - Plug @ 12374' |
| Western Mud Acid | 500 gals. | 11-17-51 | 12320-12200' |
| Dowell 15% Reg. Acid | 2000 gals. | 11-18-51 | 12320-12200' |
| Dowell 15% Reg. Acid | 4000 gals. | 11-19-51 | 12320-12200' |
| Dowell 15% Reg. Acid | 7000 gals. | 11-21-51 | 12320-12200' |

Well was plugged back to 12374'. Baker Model "K" retainer used.

| Perforations | Shots/Ft. | Shots |
|--------------|-----------|-------|
| 12640-12550 | 2 | 130 |
| 12520-12460 | 3 | 180 |
| 12320-12250 | 3 | 210 |
| 12250-12200 | 4 | 200 |

Well placed on proration schedule November 21, 1951, at top allowable of 290 BOPD.