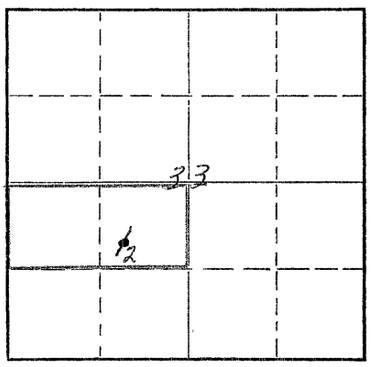
STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

15-163-03219-00-00

# WELL PLUGGING RECORD

NORTH




Locate well correctly on above Section Plat

Rooks County. Sec. 33 Twp. 9S Rge. (E) 19 (W)

Location as "NE/CNW¼SW¼" or footage from lines SW/4 NE/4 SW/4

Lease Owner Skelly Oil Company

Lease Name M. L. Casey Well No. 2

Office Address Box 1650, Tulsa, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole) Oil

Date well completed November 26, 1954

Application for plugging filed February 13, 1962

Application for plugging approved ? 1962

Plugging commenced February 8, 1962

Plugging completed February 10, 1962

Reason for abandonment of well or producing formation Depleted

If a producing well is abandoned, date of last production October 17, 1961

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Mr. Eldon Petty

Producing formation Arbuckle Lime Depth to top 3730' Bottom Total Depth of Well 3741 Feet

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS — CASING RECORD

| FORMATION | CONTENT | FROM | TO | SIZE | PUT IN | PULLED OUT |
|---|---|---|---|---|---|---|
| Arbuckle Lime | Oil | 3731' | 3741' | 8-5/8" | 316'0" | None |
| | | | | 5-1/2" | 3760'6" | 2834' |

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

| | |
|---|---|
| Sand | 3701' to 3180' |
| 5 sacks of cement | 3180' to 3140' |
| Mud | 3140' to 550' |
| 20 sacks common cement | 550' to 490' |
| 10 sacks Halco Gel | 490' to 180' |
| 20 sacks common cement | 180' to 120' |
| Mud | 120' to 40' |
| Rock | 40' to 30' |
| 10 sacks common cement | 30' to 6' |
| Surface soil | 6' to Surf. |

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Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Ace Pipe Service

Address P.O. Box 304, Great Bend, Kansas

STATE OF Kansas, COUNTY OF Reno, ss.

D. E. Smith (employee of owner) ~~or operator~~ of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) D. E. Smith

Box 391, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 16th day of March, 1962

Josephine L. Johnson
Notary Public.

My commission expires April 7, 1963

5441

Form N47A Rev.

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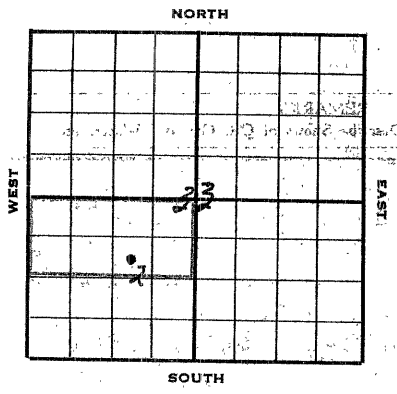


# SKELLY OIL COMPANY

## Well Record

2202'
2199'
Elev. 2195'

Lease Name and No. M. L. Edney #34810 Well No. 2

Lease Description NW/4 NW/4 Section 33-9S-19W, Rooks County, Kansas (80 Acres)

Location made October 25, 19 54 by P. J. Cuseen

990 feet from North line 990 feet from East line } SW/4 of Sec. 33

feet from South line feet from West line

Work com'd 10/29 19 54 Rig comp'd 10/31 19 54 Drlg. com'd 10/31 19 54 Drlg. comp'd 11/23 19

Rig Contractor Claude Wentworth Drilling Co., Inc.

Drilling Contractor Claude Wentworth Drilling Co., Inc., Tulsa, Oklahoma

Rotary Drilling from 0' to 3732' Cable Tool Drilling from 3732' to 3741'

Commenced Producing November 26, 19 54 { Initial Prod. before shot or acid 60 gals. oil/hr. / Initial Prod. after shot or acid POP 8 hrs to estab. 24 hr. physical ACF potential 340 bbls.

Dry Gas Well Press. Volume Cu

Casing Head Gas Pressure Volume Cu

Braden Head (8-5/8" Size 25½" OD) Gas Pressure Volume Cu

Braden Head ( Size ) Gas Pressure Volume Cu

PRODUCING FORMATION Arbuckle Lime (Name) Top 3731' Bottom 3741' TOTAL DEPTH 3741'

### CASING RECORD

| Size | Wt. | Thds. | Where Set | PULLED OUT Jts. | PULLED OUT Feet | PULLED OUT In. | LEFT IN Jts. | LEFT IN Feet | LEFT IN In. | KIND | Cond'n | CEMENTING Sacks Used | CEMENTING Method Employed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8-5/8" | 24# | PE | 323' | | | | 8 | 316 | 0 | R3 SS | B | 175 | Halliburton |
| 5-1/2" | 15½ | SR | 3731' | | | | 118 | 3760 | 6 | J55 R2 SB | A | 150 | Halliburton |
| (8-5/8" casing set 1' in cellar and 5½" cased to derrick floor) | | | | | | | | | | | | | |

Liner Set at Length Perforated at

Liner Set at Length Perforated at

Packer Set at Size and Kind

Packer Set at Size and Kind

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CONSERVATION DIVISION

### SHOT OR ACID TREATMENT RECORD

| | FIRST | SECOND | THIRD | FOURTH |
|---|---|---|---|---|
| Date | 11/23/54 | | | |
| Acid Used Size Shot | 300 gals. Gals. Qts. | Gals. Qts. | Gals. Qts. | Gals. Qts. |
| Shot Between | 3731 Ft. and 3741 Ft. | Ft. and Ft. | Ft. and Ft. | Ft. and Ft. |
| Size of Shell | | | | |
| Put in by (Co.) | Halliburton | | | |
| Length anchor | | | | |
| Distance below Cas'g | | | | |
| Damage to Casing or Casing Shoulder | | | | |

### SIGNIFICANT GEOLOGICAL FORMATIONS

| NAME | Top | Bottom | GAS From | GAS To | OIL From | OIL To | REMARKS |
|---|---|---|---|---|---|---|---|
| Top Topeka | 3166' | | | | | | |
| Heebner Shale | 3374' | | | | | | |
| Toronto | 3392 | | | | | | |
| Lansing Lime | 3413' | | | | | | |
| Conglomerate | 3647' | | | | 3658' | 3673' | |
| Simpson | 3698' | | | | | | |
| Arbuckle Lime | 3730' | | | | 3730' | 3741' | Bailed 60 gals. oil/hr. |

### CLEANING OUT RECORDS

| | DATE COMMENCED | DATE COMPLETED | PROD. BEFORE | PROD. AFTER | REMARKS |
|---|---|---|---|---|---|
| 1st | | | | | See Reverse for other detai |
| 2nd | | | | | " " " " " |
| 3rd | | | | | " " " " " |
| 4th | | | | | " " " " " |

### PLUGGING BACK AND DEEPENING RECORDS

| | Date Commenced | Date Completed | No. Feet Plugged Back or Deepened | Prod. Before | Prod. After | REMARKS |
|---|---|---|---|---|---|---|
| 1st | | | | | | See Reverse for other detail |
| 2nd | | | | | | " " " " " |
| 3rd | | | | | | " " " " " |
| 4th | | | | | | " " " " " |

(See Reverse for Record of Formation)

## RECORD OF FORMATIONS

| FORMATION | TOP | BOTTOM | REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc. |
|---|---|---|---|
| Sand, rock and shale | 0 | 125 | |
| Shale and shells | 125 | 324 | Set and cemented 8-5/8"OD, 24#, F.E., R-3, S.S. casing (8 cond.) at 323' with 175 sacks of common cement, 3% Gel, and 2% calcium chloride. Cement circulated. |
| Reamed 9" hole to 12-1/4" | | | |
| Shale and shells | 324 | 935 | |
| Sand, shale and shells | 935 | 1350 | |
| Shale, shells and red bed | 1350 | 1600 | TOP ANHYDRITE 1593' |
| Anhydrite | 1600 | 1645 | BASE ANHYDRITE 1630' |
| Shale, shells and red bed | 1645 | 1850 | |
| Shale and salt | 1850 | 1945 | |
| Shale and shells | 1945 | 2072 | |
| Shale and lime | 2072 | 3080 | |
| Shale | 3080 | 3175 | TOP TOPEKA 3166' |
| Shale and lime | 3175 | 3492 | TOP HEEBNER SHALE 3374' |
| | | | TOP TORONTO 3392' |
| | | | TOP LANSING LIME 3413' |
| Cream, dense lime | 3492 | 3498 | Spotted stain, trace of oil, fair porosity |
| Lime and shale | 3498 | 3500 | |
| Tan, dense lime | 3500 | 3506 | Slight stain, fair vuguler porosity |
| Lime | 3506 | 3509 | |
| Tan, dense lime | 3509 | 3512 | Poor stain and porosity |
| Lime | 3512 | 3513 | Ran Halliburton drill stem test, packer set at 3491', used 22' anchor, open 1 hour, strong blow, recovered 2400' salt water, no oil, BHP-1200#, initial flow, 160#, final flow 1170#. |
| Lime and shale | 3513 | 3549 | |
| White, dense lime | 3549 | 3553 | Very poor porosity, trace of spotted stain. |
| Lime and shale | 3553 | 3562 | |
| White, dense lime | 3562 | 3565 | |
| Lime | 3565 | 3584 | |
| White, chalky lime | 3584 | 3591 | Poor porosity, poor spotted stain |
| Lime | 3591 | 3611 | |
| White, chalky lime | 3611 | 3615 | Poor porosity, poor spotted stain |
| Lime | 3615 | 3622 | |
| White, chalky lime | 3622 | 3626 | Poor porosity, poor spotted stain |
| Shale and lime | 3626 | 3655 | TOP CONGLOMERATE 3647' |
| Vari-colored chert | 3655 | 3686 | Oil stained, some porosity, oil saturation, heavy dark free oil, free oil and odor in samples |
| Shale and lime | 3686 | 3706 | TOP SIMPSON 3698' |
| Fine to medium grained sand | 3706 | 3710 | Dark dead oil staining, fair porosity |
| Lime | 3710 | 3730 | TOP ARBUCKLE LIME 3730' |
| Fine to medium crystalline dolomite, poor porosity | 3730 | 3732 | Spotted stain with trace of saturation and free oil |

Set and cemented 5½"OD, 15.5#, R-2, J-55, Jal S.S. casing (4 cond.) at 3731' with 150 sacks of cement and ¼% Gel. Finished 6:00 p.m. 11/12/54. Opened stage collar at 3156' with 900#-DP, circulated 1 hour, spotted 155 barrels of heavy oil behind 5½" casing, oil circulated, closed stage collar with 1400#-CP. Finished 11/13/54 at 8:00 p.m.

Moved in cable tools on November 17, swabbed and bailed hole dry to 3165', 5½" casing tested dry. Drilled cement plug and cleaned out to bottom, 3732', no steel line correction, cement tested OK. Deepened as follows:

| | | | |
|---|---|---|---|
| Gray, medium crystalline dolomite, slight porosity and stain | 3732 | 3733 | Show of water and oil, no fill up |

Ran Lane-Wells Gamma Ray Neutron Survey. Found leak in stage collar at 3156'. Set Baker bridging plug at 3160'. Filled hole with water, unable to pump into stage collar at 1000# pressure. Perforated 5½" casing from 3152' to 3153' with 4 holes, and from 3160' to 3161' with 4 holes by Lane-Wells. Ran 2" tubing with Halliburton DM retainer set at 3130'. Cemented with 60 sacks of common cement and 2% calcium chloride followed with 65 sacks of common cement. Estimated 105 sacks of cement below retainer, reversed out estimated 20 sacks of cement. Pulled 2" tubing and shut down for cement to set.

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M. L. CAREY WELL NO. 2 Sheet No. 2

On November 22, swabbed and bailed hole dry to top of DV retainer at 3130', 5½"OD casing tested dry. Drilled out retainer at 3130' and cement to 3168', 5½" casing tested dry. Drove bridging plug from 3168' to bottom and drilled up bridging plug at 3733'.

| | | | |
|---|---|---|---|
| Gray and brown, finely crystalline dolomite | 3733 | 3735 | Poor porosity and saturation no oil |
| Same | 3735 | 3737 | No shows |
| Gray and brown medium crystalline dolomite with trace of green shale | 3737 | 3739 | Poor porosity, slight saturation, slight show of oil |
| Gray and brown medium crystalline dolomite, slight increase in green shale | 3739 | 3741 | Good porosity and saturation Bailed and tested 60 gallons of oil per hour, no water |

TOTAL DEPTH 3741'

Treated through 5½" casing with 300 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 1 - Between 3731' and 3741'

Treatment put in 11/23/54 by Halliburton, using 300 gallons of acid and 98 barrels of oil to fill and flush hole.

| TIME | OP | IP | REMARKS |
|---|---|---|---|
| 10:22 pm | | | Start acid in |
| 10:24 pm | | | 300 gallons of acid in, start oil |
| 10:44 pm | | | Acid on bottom |
| 11:00 pm | Vac. | | 30 gallons of acid in formation |
| 11:15 pm | Vac. | | 100 gallons of acid in formation |
| 11:25 pm | Vac. | | 220 gallons of acid in formation |
| 11:37 pm | Vac. | | 300 gallons of acid in formation Flushed with 8 barrels of oil |

Swabbed through 5½" casing 3 hours, 87 barrels of oil used in treating, then swabbed 3 hours, 42 barrels of oil with trace of acid water. Ran 2" tubing and rods and on November 24, POB 6 hours, 72 barrel of oil and 25 barrels of water.

On November 26, POB 8 hours on physical potential, 115.37 barrels of oil and 11 barrels of water to establish 24 hour State Corporation Commission potential of 346 barrels. Allowable 25 barrels per day.

DEVIATION TEST DATA

| DEPTH | ANGLE OF DEFLECTION |
|---|---|
| 250' | 1/4 Degree |
| 1000' | 3/4 " |
| 1500' | 3/4 " |
| 2000' | 3/4 " |
| 2500' | 1/4 " |
| 3000' | 3/4 " |
| | 1/4 " |

15-163-03219-00-00



PLUGGING BACK RECORD

Date Commenced: October 23, 1958
Date Completed: November 4, 1958

Plugged back from 3741' to 3735' PB TD-3735'

Production Before: 4 barrels of oil and 396 barrels of water
Production After: FOR 24 hours, 48 barrels of oil and 300 barrels water

Producing from open hole

Producing Formation: Arbuckle Lime

- - - - -

Moved in and rigged up cable tools of W. L. Copeland Drilling Company on October 23, 1958. Pulled rods and 2" tubing and cleaned out to bottom. On October 24, ran 2" tubing and set Halliburton RTTS packer at 3685'. Filled annulus with 20 barrels of oil, used 50 barrels of oil to circulate out all water. Pressured annulus to 500#. Injmt below packer 2 barrels of oil per minute at 1300# pressure. Ran Diesel Oil Cement job and cemented Arbuckle Lime with 57 sacks of cement and 300 gallons of No. 2 diesel fuel. Estimated 40 sacks of cement below packer at 1600#, reversed out estimated 17 sacks of cement. Finished cementing at 2:00 p.m. 10/24/58. Pulled 2" tubing and packer and shut down for cement to set.

On October 25, swabbed the hole down and cleaned out to 3737'. Bailed the hole dry and tested 6 hours, 15 gallons of oil and 3 gallons of water per hour. Ran 2" tubing and filled hole with 84 barrels of oil. Treated with 200 gallons of Dowell NCA acid as follows:

ACID TREATMENT NO. 2 - Between 3731' and 3737'
Treatment put in 10/27/58 by Dowell Inc., using 200 gallons of acid and 99 barrels of oil to fill hole and flush.

| TIME | CP | TP | REMARKS |
|---|---|---|---|
| 3:05 pm | 100# | 100# | Filled hole with 84 barrels of oil |
| 3:08 pm | | | Start acid in tubing |
| 3:20 pm | 75# | 0# | Start oil to spot acid |
| 3:25 pm | 100# | 50# | Acid to bottom |
| 4:20 pm | 250# | 175# | |
| 4:43 pm | 125# | 75# | |
| 4:54 pm | Vac. | Vac. | Acid in formation |

Swabbed through 2" tubing 4 hours, 84 barrels of oil used in treating. Then swabbed 11 hours, 10 barrels of oil and 100 barrels of water. Ran rods and POB 15 hours, 7 barrels of oil and 250 barrels of water. On October 29, pulled rods and 2" tubing and plugged back with 20 gallons of Dowell Coalment, plugged back to 3734' elm.

On October 31, swabbed through 5½" casing 5 hours, 90 barrels of oil used in loading hole to plug back with trace of water. Bailed hole dry, while bailing, cleaned out to 3741'. Bailed 7 hours, 1½ gallons of oil and 3½ gallons of water per hour. Plugged back with 1 sack of Cal-Seal from 3741' to 3732' and 5½" casing tested dry. Drilled Cal-Seal plug from 3732' to 3735'.

PLUGGED BACK TOTAL DEPTH 3735'.

Dumped 1 barrel of Halliburton 15% acid down 5½" casing. Washed formation 4 hours, then bailed hole dry. Bailed and tested 5 hours, 4 gallons of oil per hour with trace of water. Dumped 2 barrels of 15% acid down 5½" casing, then filled hole with 87 barrels of oil. Let set 2 hours, then displaced acid with 5 barrels of oil, maximum CP-200#. Swabbed through 5½" casing 3 hours, 92 barrels of load oil, show of water. Swabbed through 5½" casing 13 hours, 24 barrels of oil and 220 barrels of salt water. Ran 2" tubing and rods and POB 9 hours, 24 barrels of oil and 151 barrels of water. On November 4, POB 24 hours, 48 barrels of oil and 300 barrels of water.

15-163-03219-00-00

FORM 16-136 (REV. 9/60)

# SKELLY OIL COMPANY

## CHANGE IN WELL RECORD

Give complete description of all cleaning out, deepening, plugging back and fishing jobs, changes in casing, material lost in hole, etc, not recorded in original well record.

LEASE NAME H. L. Casey
SEC. 33 T. 9S R. 19W
BLOCK _____ SURVEY _____

WELL NO. 2 DISTRICT Kansas
COUNTY Rooks
STATE Kansas
AFE NO. 7175

## TYPE OF WORK TEST ADDITIONAL ZONES

Date commenced October 18, 19 61 Date completed October 24, 19
Deepened from 3735' to 3701' Total Depth 3701'
Plugged back from _____ to _____ P.B.T.D. _____
Cleaned out from 3 to 297
Production before _____ bbls. oil _____ bbls. water _____ cu. ft.
Production after 0 bbls. oil 57 bbls. water _____ cu. ft.
Tools owned by; W. L. Copeland Kind used; Cable No. days rig time; 8
Cost of Job $ _____ Revised Estimated Payout (Mos.) _____

### TREATMENT RECORD

| DATE | TYPE TREATMENT | INTERVAL TREATED | AMOUNT OF TREATMENT |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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CONSERVATION DIVISION
Wichita, Kansas

### CHANGES IN CASING RECORD

| STRINGS | SIZE | WHERE SET (Depth) | CEMENTING RECORD Sacks Used | CEMENTING RECORD Top Cem't. Bh'd. Cas'g. | REMARKS |
|---|---|---|---|---|---|
| Production | | | | | |
| Liner | | | | | Top liner; |

| SIZE | WT. | THDS. | KIND | COND | LEFT IN Jts. | LEFT IN LTM Feet | LEFT IN LTM In. | LEFT IN WTM Feet | LEFT IN WTM In. | PULLED OUT Jts. | PULLED OUT LTM Feet | PULLED OUT LTM In. | PULLED OUT WTM Feet |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5½" | | | casing perforations open above PB TD: 3192'-3200'/32 holes; 3577'-3588'/44 holes, 3656'-66'/40 holes; 3666'-3672'/24 holes | | | | | | | | | | |
| | | | below PB TD: None | | | | | | | | | | |

**PRODUCING FROM**

Shut down for orders
FORMATION thru OPEN HOLE PERFORATIONS TOP BOTTOM Total No. Shots _____

REMARKS (Give review of work performed and any other comment of interest)

On October 18, 1961, moved in and rigged up cable tools, pulled rods and 2⅜" tubing. Set 5½" Baker bridging plug at 3715'.

PERFORATION JOB NO. 1 - Conglomerate - 3656'-3672'
5½" casing perforated by Jewell with 4 holes per foot:

3666'-3672' - 6' - 24 jet holes - No shows
3656'-3666' - 10' - 40 jet holes - No shows
16' 64

Plugged back with 1 sack of Cal-Seal from 3715' to 3701'. Ran 2" tubing and set 5½" packer at 3642'.

TREATMENT NO. 1 - (Acid) - 3656'-3672'
10/19/61 treated by Halliburton with 500 gallons of 15% acid, used 90 barrels water, maximum TP-750#, time 50 minutes, pressure dropped to 0# in 10 minutes.

Swabbed through 2" tubing 5 hours, no oil and 56 barrels water used in treatment. Packer leaking. Pulled tubing and packer. Swabbed through 5½" casing 2 hours, no oil or gas shows and ¾ barrels water used in treatment; bailed 4 hours, 16 gallons formation oil and 4 barrels acid water.

Ran 2" tubing with 5½" Halliburton RTTS packer, set packer at 3623'.

TREATMENT NO. 2 - (Hydrafrac) - 3656'-3672'
10/21/61 treated by Halliburton using 66 barrels water to fill annulus, pressured to 350#, pumped 15 barrels oil through 2" tubing at 2 barrels per minute at 2400#, mixed 60 barrels kerosene with 2000# of 20/40 frac sand and 500# of Mo-O-Gel, 210 gallons of F-10 and 200# of caustic, pressured 2300#, flushed with 50 barrels crude oil, maximum TP-2750#, broke to 2200#, finished at 750#, time 17 minutes.

Released 450#-TP with approximately 10 barrels back flow. Pulled tubing and packer. Swabbed, bailed, and cleaned out hole to 3640'. Swabbed through 5½" casing 15 hours, 46 barrels of oil used in treatment and 60 barrels of water.

(Topeka Lime)
PERFORATION JOB NO. 2 - (Lansing Lime) - 3192'-3588'
5½" casing perforated by Jetwell with 4 holes per foot:

3192'-3200' - 8' - 32 jet holes
3577'-3588' - 11' - 44 jet holes - No fluid change

Ran 2" tubing and set 5½" Halliburton MM straddle packers with bottom packer at 3599' and top packer at 3556'.

TREATMENT NO. 5 - (Acid) - 3577'-3588'
10/23/61 treated by Halliburton through 2" tubing with 500 gallons of 15% penetrating acid, maximum TP-1000#, broke to 300#, finished at 0#, flushed with 15 barrels of water, time 7 minutes.

Swabbed through tubing 1 hour, no oil and 15 barrels of water used in treatment. Swabbed through tubing 12 hours, no oil and 48 barrels of formation water.

Raised tubing and reset 5½" MM straddle packers with bottom packer set at 3217' and top packer at 3176'.

TREATMENT NO. 6 - (Acid) - 3192'-3200'
10/24/61 treated through 2" tubing by Halliburton with 500 gallons of 15% penetrating MM acid, maximum TP-800#, broke to 300#, finished on Vac., flushed with 15 barrels of water, time 30 minutes.

Swabbed through 2" tubing 1 hour, no oil and 15 barrels of water used in treatment. Swabbed through tubing 10 hours, no oil and 57 barrels of formation water. Pulled tubing and packers and moved out cable tools.

Shut down for orders.

PLUGGED BACK TOTAL DEPTH 3701'

15-163-03219-00-00

FORM 16-136 (REV. 9/60)

# SKELLY OIL COMPANY

## CHANGE IN WELL RECORD

Give complete description of all cleaning out, deepening, plugging back and fishing jobs, changes in casing, material lost in hole, etc, not recorded in original well record.

LEASE NAME M. L. Carey WELL NO. 2 DISTRICT Kansas
SEC. 33 T. 9S R. 19W COUNTY Rooks AFE NO. 50143
BLOCK _____ SURVEY _____ STATE Kansas

## TYPE OF WORK PLUG AND ABANDON

Date commenced February 6, 1962 Date completed February 10, 19
Deepened from _____ to _____ Total Depth _____
Plugged back from 3701' to Surface P.B.T.D. _____
Cleaned out from _____ to _____
Production before SD FO bbls. oil _____ bbls. water _____ cu. ft.
Production after _____ bbls. oil _____ bbls. water _____ cu. ft.
Tools owned by; Ace Pipe Service Kind used; Pulling mach. No. days rig time; 16 hr
Cost of Job $ _____ Revised Estimated Payout (Mos.) _____

### TREATMENT RECORD

| DATE | TYPE TREATMENT | INTERVAL TREATED | AMOUNT OF TREATMENT |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

### CHANGES IN CASING RECORD

| STRINGS | SIZE | WHERE SET (Depth) | CEMENTING RECORD | | REMARKS |
|---|---|---|---|---|---|
| | | | Sacks Used | Top Cem't. Bh'd. Cas'g. | |
| Production | | | | | |
| Liner | | | | | Top liner; |

| SIZE | WT. | THDS. | KIND | COND | LEFT IN | | | | | PULLED OUT | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Jts. | LTM Feet | LTM In. | WTM Feet | WTM In. | Jts. | LTM Feet | LTM In. | WTM Feet | WTM In. |
| 5-1/2 | 15½ | 8R | Jrs R2 SS | C | 90 | 916 | 6 | 925 | 6 | 88 | 2815 | | 2834 | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

### PRODUCING FROM

_____ thru OPEN HOLE PERFORATIONS _____ Total No. Shots _____
FORMATION TOP BOTTOM

REMARKS (Give review of work performed and any other comment of interest)

As the Arbuckle Lime zone is depleted and further testing of probable producing zones was negligible, and as the well is not required for disposal or secondary recovery purposes, regular authority was granted to plug and abandon it.

2/8/62 moved in and rigged up plugging machine and plugged the well as follows:

| | |
|---|---|
| Sand | 3701' to 3180' |
| 5 sacks of cement | 3180' to 3140' |

Shot off 5½" casing at 2811'. Pulled 2834' of 5½" casing.

| | |
|---|---|
| Mud | 3140' to 550' |
| 20 sacks common cement | 550' to 490' |
| 10 sacks Halco Gel | 490' to 180' |
| 20 sacks common cement | 180' to 120' |
| Mud | 120' to 40' |
| Rock | 40' to 30' |
| 10 sacks common cement | 30' to 6' |
| Surface soil | 6' to Surf. |

Plugged and abandoned February 10, 1962.

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CONSERVATION DIVISION
Wichita, Kansas