

STATE OF KANSAS
STATE CORPORATION COMMISSION

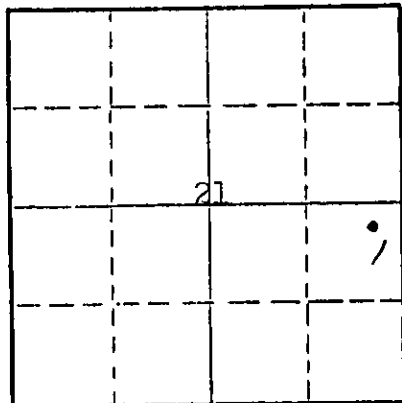
Form CP-4

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

Ellis County, Sec. 21 Twp. 11S Rge. 2E (E) 10 (W)
Location as "NE/CNW&SW" or footage from lines NE/L NE/L SE/L
Lease Owner Skelly Oil Company
Lease Name Solomon "A"
Office Address P. O. Box 649, McCook, Nebraska 69001
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed May 20, 1967
Application for plugging filed April 17, 1967
Application for plugging approved April 19, 1967
Plugging commenced May 25, 1967
Plugging completed May 27, 1967
Reason for abandonment of well or producing formation Depleted

NORTH



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production May 8, 1967
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. Leo Massey
Producing formation Arbuckle Lime Depth to top 3485 Bottom Total Depth of Well 3495 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

| FORMATION | CONTENT | FROM | TO | SIZE OIL | PUT IN | PULLED OUT |
|---------------|---------|-------|-------|----------|--------|------------|
| Arbuckle Lime | Oil | 3486' | 3495' | 5-1/2" | 3511' | 308' |
| | | | | 8-5/8" | 271' | None |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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 3495' to 3470'
5 sacks of cement 3470' to 3430'
Mud 3430' to 300'
150 sacks of cement 300' to 150'
Mud 150' to 30'
10 sacks of cement 30' to Base of collar
Surface soil Cellar to Surface

RECEIVED
APR 22 1967
Conservation Division
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Southwest Casing Pulling Co., Inc.
Address P. O. Box 364, Great Bend, Kansas 67530

STATE OF Nebraska, COUNTY OF Red Willow, ss.
Charles R. Davis (employee of owner) or (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) Charles R. Davis
P. O. Box 649, McCook, Nebraska
(Address)

SUBSCRIBED AND SWORN TO before me this 8th day of June, 1967

C. E. Lindsey
Notary Public.

My commission expires June 13, 1969

SKELLY OIL COMPANY

REPORT OF 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: Colomon "A"
Well No.: 1 **District:** Wesley Kansas
Sec.: 21 **T.:** 12 **R.:** 29 **County:** Chick **Job No.:** Exp.
Survey: _____ **Block:** _____ **State:** Kansas

| CLEANING OUT RECORD | | | | PLUGGING BACK OR DEEPENING RECORD | | | |
|------------------------------------|-------------------|--------------------|-------------|-----------------------------------|--------------------------|-------------|--|
| RECOMMEND 5 1/2" CASING | | | | | | | |
| Date commenced | November 8, | | 19 56 | Date commenced | 19 | | |
| Date completed | December 3, | | 19 56 | Date completed | 19 | | |
| Cleaned out from | to | | T. D. 2495' | Plugged back or deepened from | to T.D. | | |
| Prod. before | bbls. 100, oil | bbls. water | cu. ft. gas | Prod. before | bbls. oil bbls. water | cu. ft. gas | |
| Prod. after | 6 oil | bbls. 199 water | cu. ft. gas | Prod. after | bbls. oil bbls. water | cu. ft. gas | |
| Kind of tools used | Cable | | | Kind of tools used | | | |
| Tools owned by | W. L. Copeland | | | Tools owned by | | | |

SHOT RECORD

| Date | Size shot | Qts. | Qts. | Qts. | Qts. |
|-------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Shot between | Ft. and Ft. | Ft. and Ft. | Ft. and Ft. | Ft. and Ft. | Ft. and Ft. |
| Size of shell | | | | | |
| Put in by (Co.) | | | | | |
| Length anchor | | | | | |
| Distance below casing | | | | | |
| Damage to casing or casing shoulder | | | | | |

CHANGES IN CASING RECORD

| SIZE | Wt. | Thds. | Where Set | PULLED OUT | | | LEFT IN | | | KIND | Cond'n | CEMENTING | |
|------|-----|-------|-----------|------------|------|-----|---------|------|-----|------|--------|------------|-----------------|
| | | | | Jts. | Feet | In. | Jts. | Feet | In. | | | Sacks Used | Method Employed |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Liner set at Length Perforated at
 Packer set at Size and kind

Superintendent.

REMARKS (Give review of work accomplished and any other comment of interest) **Water broke in through**
5 1/2" casing. On November 8, 1956, pulled rods and 2" tubing. Ran
2" tubing with NM packer, found hole in 5 1/2" casing at 734'. Pulled
2" tubing and set Halliburton DM bridging plug at 3451'. Ran 2"
tubing and set Halliburton DM retainer at 700'. Cemented off hole
in 5 1/2" casing with 250 sacks of special oil well cement, estimated
235 sacks below retainer at 2500', reversed out estimated 15 sacks
of cement. Pulled 2" tubing and TB for cement to set.

Moved in cable tools on November 28, swabbed and bailed hole
dry to top of retainer at 700', 5 1/2" casing tested dry. Drilled
retainer and cement to 767'. Swabbed to 2000', then tested 1 hour,
no fill up. Drilled and drove bridging plug from 3451' to bottom,
3495', cleaned out to bottom, ran 2" tubing and rods and pumped
as follows:

| DATE | HOURS RUN | BBL'S FILL | BBL'S AIR |
|---------|--------------|---------------|--------------|
| 12-1-56 | 20 | 3 | 180 |
| 12-2-56 | 24 | 4 | 200 |
| 12-3-56 | 24 | 6 | 199 |

TOTAL DEPTH 3495'

RECORD OF FORMATIONS

| FORMATION | TOP | BOTTOM | REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc. |
|-----------|-----|--------|---|
|-----------|-----|--------|---|

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 Salomon #4
SEC. 21 T. 11S R. 19E
BLOCK _____ SURVEY _____

WELL NO. 1 DISTRICT Platte
COUNTY Ellis AFE NO. 22342
STATE Kansas

TYPE OF WORK PLUG AND ABANDON

Date commenced May 9, 1967 Date completed May 27, 1967
Deepened from _____ to _____ Total Depth _____
Plugged back from 3495' to Surface P.B.T.D. _____
Cleaned out from _____ to _____
Production before 5 bbls. oil 245 bbls. water _____ cu. ft. gas.
Production after _____ bbls. oil _____ bbls. water _____ cu. ft. gas.
Tools owned by: Southwest Csg. Pulling Co., Inc. Kind used, Pulling Unit No. days rig time: cont.
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. Casg. | |
| Production | | | | | |
| Liner | | | | | Top liner; |

| SIZE | WT. | THDS. | KIND | COND. | LEFT IN | | | | PULLED OUT | | | | |
|--------|-----|-------|-----------|-------|---------|------|-----|-----|------------|------|-----|-----|---|
| | | | | | Jts. | Feet | WTM | In. | Jts. | Feet | WTM | In. | |
| 5-1/2" | 150 | 82 | J55 R2 28 | | | | | | | 270 | 0 | 272 | 0 |
| 5-1/2" | 150 | 82 | J55 R2 28 | | | | | | | 120 | 0 | 126 | 0 |
| 5-1/2" | 150 | 82 | J55 R2 28 | | 28 | 227 | 0 | 223 | 0 | | | | |
| 5-1/2" | 150 | 82 | J55 R3 28 | | 27 | 220 | 0 | 222 | 0 | | | | |

PRODUCING FROM

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

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

As the well is uneconomical to operate, and there are no further zones considered worthy of testing, and the well is not needed for secondary recovery operations, regular authority was granted to plug and abandon it.

On May 9, 1967, moved in pulling unit of well service and pulled rods and tubing and moved out pulling unit.

On May 25, 1967, moved in and rigged up pulling unit of Southwest Casing Pulling Co., Inc. and plugged the well as follows:

Sand 3495' to 3470'
5 sacks of cement 3470' to 3430'

Shot 5 1/2" casing at 520', 455' and 395'. Pulled 13 joints (396') of 5 1/2" casing.

Mud 3430' to 300'
150 sacks of cement 300' to 150'
Mud 150' to 30'
10 sacks of cement 30' to base of cellar
Surface soil Cellar to Surface

Plugged and abandoned May 27, 1967.

RECORDED
INDEXED
MAY 28 1967
ELLIS COUNTY RECORDS

ACID TREATMENT NO. 1 - Between 3486' and 3495'

Treatment put in 5/17/52 by Dowell Inc., using 500 gallons of acid and 39 barrels of oil to fill hole and flush.

| TIME | GP | TP | REMARKS |
|---------|------|------|--|
| 8:39 am | 300' | 200' | Filled hole with 27 barrels of oil |
| 8:48 am | 200' | 0' | 500 gallons of acid in hole |
| 8:58 am | 100' | Vac. | Start oil to spot acid |
| 9:02 am | 150' | 0' | Acid on bottom |
| 9:12 am | 50' | Vac. | 105 gallons of acid in formation |
| 9:22 am | 0' | Vac. | 270 gallons of acid in formation |
| 9:44 am | Vac. | Vac. | 300 gallons of acid in formation Flushed with 12 barrels of oil |

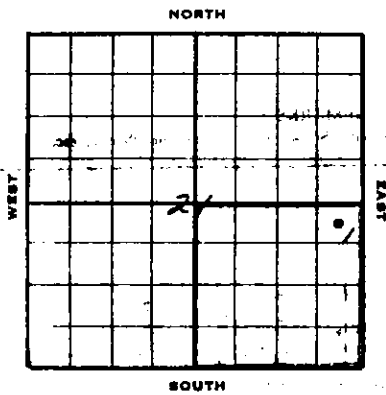
Swabbed through 2 1/2" tubing 3 hours, 60 barrels of oil and no water. Ran rods and FOB 15 hours, 262 barrels of oil and no water. On May 16, FOB 4 hours, 70 barrels of oil and no water. Depthograph showed still pumping down 98.6 joints with well pumping 17 barrels of oil per hour.

On May 20, FOB 8 hours on physical potential test, 135.72 barrels of oil and no water to establish 24 hour State Corporation Commission potential of 407 barrels. This potential allows 25 barrels per day for remainder of May, 1952.

SLOPE TEST DATA: Tests were taken at 250' intervals from 250' to 3000' inclusive, with no deviation from vertical noted.

RECEIVED
STATE CORPORATION COMMISSION
JUL 14 1952
CORPORATION DIVISION
Wichita, Kansas

SKELLY OIL COMPANY



Well Record

#33235

1980°RB
1977°DF
1973°DB

Lease Name and No. **Soleman "A"** Well No. **1** Elev. _____
 Lease Description **SE 1/4 of Section 21-11S-19W, Ellis County, Kansas (160 Acres)**
 Location made **April 18, 1952** by **George Gear**
330 feet from North line **330** feet from East line **8/4**
 feet from South line feet from West line of **Sec. 21**

Work com'd **4/19** 19 **52** Rig com'd **4/25** 19 **52** Drig. com'd **4/25** 19 **52** Drig. comp'd **5/15** 19 **52**

Rig Contractor **Claude Wentworth Drilling Co., Inc.**

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

Rotary Drilling from **0'** to **3490'** Cable Tool Drilling from **3490'** to **3495'**

Commenced Producing **May 20, 1952** Initial Prod. before shot or acid **XXXX** **2400'** OIH in **24 hrs.** Bbla.
 Initial Prod. after shot or acid **XXXX** **POB 8 hrs. 135.72 BO no** Bbla.
W.P. to estab. 24 hr. SCC pot. 407 bbls.

Dry Gas Well Press _____ Volume _____ Cu. ft.

Casing Head Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (**8-5/8" x 3 1/2" OD**) Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (_____ Size _____) Gas Pressure _____ Volume _____ Cu. ft.

PRODUCING FORMATION **Arbuckle Lime** Top **3486'** Bottom **3495'** TOTAL DEPTH **3495'**

CASING RECORD

| OD Size | Wt. | Thds. | Where Set | PULLED OUT | | | LEFT IN | | | KIND | Cond'n | Sacks Used | CEMENTING Method Employed |
|---|--------------|-----------|--------------|------------|------|-----|-----------|-------------|----------|---------------|--------------|------------|---------------------------|
| | | | | Jts. | Feet | In. | Jts. | Feet | In. | | | | |
| 8-5/8" | 22.7 | 5J | 277' | | | | 7 | 272 | 0 | Armo | A | 150 | Halliburton |
| 5-1/2" | 15.8R | | | | | | 41 | 1291 | 0 | J55 R2 | REN A | | |
| 5-1/2" | 15.8R | | 3486' | | | | 57 | 2220 | 0 | J55 R3 | RS C | 200 | |
| (8-5/8" casing set 2' in cellar and 5 1/2" based to derrick floor) | | | | | | | | | | | | | |
| Used 1 - 5 1/2" OD Larkin Combination Guide & Float Shoe | | | | | | | | | | | | | |

Liner Set at _____ Length _____ Perforated at _____

Liner Set at _____ Length _____ Perforated at _____

Packer Set at _____ Size and Kind _____

Packer Set at _____ Size and Kind _____

SHOT OR ACID TREATMENT RECORD

| | FIRST | SECOND | THIRD | FOURTH |
|-------------------------------------|------------------------------|--------|-------|--------|
| Date | 5/17/52 | | | |
| Acid Used | 500 | | | |
| Size Shot | 3/8" | | | |
| Shot Between | 3486 Ft. and 3495 Ft. | | | |
| Size of Shell | | | | |
| Put in by (Co.) | Dewell Inc. | | | |
| Length anchor | | | | |
| Distance below Cas'g | | | | |
| Damage to Casing or Casing Shoulder | | | | |

SIGNIFICANT GEOLOGICAL FORMATIONS

| NAME | Top | Bottom | GAS | | OIL | | REMARKS |
|----------------------|--------------|--------|------|----|--------------|--------------|-----------------------------------|
| | | | From | To | From | To | |
| Topeka Lime | 2955' | | | | 2955' | 2965' | Good por. & saturation |
| Heebner Shale | 3151' | | | | | | |
| Lansing Lime | 3190' | | | | | | |
| Conglomerate | 3437' | | | | | | |
| Simpson | 3466' | | | | 3225' | 3228' | Good por. and stain |
| Arbuckle Lime | 3485' | | | | 3485' | 3495' | Fair por. & saturation |

CLEANING OUT RECORDS

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

(See Reverse for Record of Formation)

RECORD OF FORMATIONS

| FORMATION | TOP | BOTTOM | REMARKS |
|--|------|--------|--|
| Surface soil, clay and shale | 0 | 40 | |
| Sand and shale | 40 | 100 | |
| Shale | 100 | 277 | Set and cemented 8-5/8" OD, 22.7#, Armo S.V., S.J. steel casing (A cond.) at 277' with 150 sacks of sulphate resisting cement and 5 sacks of aquagel. Cement circulated. |
| Drilled 12-1/4" hole | | | |
| Shale and shells | 277 | 435 | |
| White clay | 435 | 470 | |
| Shale and clay | 470 | 630 | |
| Shale and sand | 630 | 1260 | |
| Anhydrite | 1260 | 1305 | |
| Shale and shells | 1305 | 1895 | |
| Shale and lime | 1895 | 2320 | |
| Shale | 2320 | 2485 | |
| Shale and lime | 2485 | 3191 | TOP TOPEKA LINE 2955' (2955'-65' buff, fine to medium crystalline oolitic lime, good porosity and saturation) TOP KEEPER SHALE 3151' TOP LAWSON LINE 3190' |
| Lime | 3191 | 3203 | |
| Lime and shale | 3203 | 3216 | |
| Grey, fine to medium crystalline lime | 3216 | 3220 | Fair porosity and stain |
| Lime | 3220 | 3225 | |
| Grey to white coarsely crystalline, oolitic lime | 3225 | 3228 | Good porosity and stain |
| Lime | 3228 | 3271 | |
| Grey finely crystalline and oolitic lime | 3271 | 3274 | Fair porosity and stain |
| Lime | 3274 | 3316 | |
| Grey to white, fine to medium crystalline, sacrosic oolitic lime | 3316 | 3320 | Fair porosity and stain |
| Lime | 3320 | 3363 | |
| Grey, fine to medium crystalline, partly oolitic lime | 3363 | 3367 | Fair porosity and stain |
| Lime | 3367 | 3485 | TOP CONGLOMERATE 3437' TOP SIMPSON 3465' TOP IRONCKLE LINE 3485' |
| Grey and brown coarsely crystalline dolomite | 3485 | 3490 | Fair porosity and saturation Set and cemented 2220' of 5 1/2" OD, 15.5#, SR thd., R-3, J-55, S.S. casing (C cond.); and 1291' of 5 1/2" OD, 15.5#, R-2, J-55, R.E.V. steel casing (A cond.) at 3486' with 200 sacks of sulphate resisting cement and 6 sacks of aquagel. Finished cementing at 8:00 p.m. 5/7/52. Halliburton Temperature Survey showed top of cement behind 5 1/2" casing at 2270'. |
| Rigged up cable tools, swabbed and bailed the hole dry on May 14, and 5 1/2" casing tested dry. Drilled cement plug and cleaned out to bottom, 300' OIH in 1 hour; 600' OIH in 2 hours; 750' OIH in 4 hours, no water. | | | |
| Light grey to brown finely crystalline dolomite | 3490 | 3493 | Fair porosity and stain with green shale, no increase in fill up. |
| Grey and brown medium crystalline dolomite | 3493 | 3495 | Fair porosity and saturation with green shale, 1550' OIH in 6 hours, no water; 1950' OIH in 8 hours. Bailed and cleaned up hole, 2400' OIH in 24 hours. |
| TOTAL DEPTH | | 3495' | |

Bailed and cleaned up hole, then swabbed through 5 1/2" casing 4 hours, 70 barrels of oil and no water. Ran 2" tubing and treated with 500 gallons of Dowell "IXF-25 1-17" acid as follows: