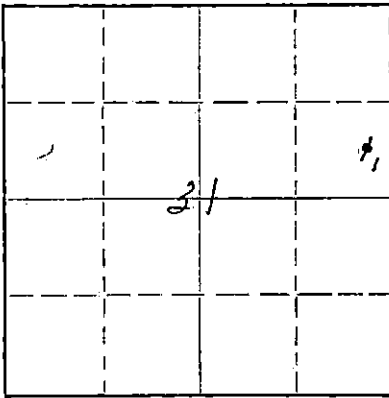


WELL PLUGGING RECORD

15-009-15082-0001

NORTH



Locate well correctly on above
Section Plat

Barton County, Sec. 31 Twp. 16S Rge. (E) 11(W)
Location as "NE/CNW/SW" or footage from lines C E/2 SE/4 NE/4
Lease Owner Skelly Oil Company
Lease Name F. R. Valenta Well No. 1
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed April 4, 19 40
Application for plugging filed November 4, 19 58
Application for plugging approved 19
Plugging commenced October 31, 19 58
Plugging completed November 4, 19 58
Reason for abandonment of well or producing formation Well is depleted

If a producing well is abandoned, date of last production September 4, 19 58
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes (Verbally)

Name of Conservation Agent who supervised plugging of this well
Producing formation Lansing Lime Depth to top 2868' Bottom 3154' Total Depth of Well 3340' Feet
Show depth and thickness of all water, oil and gas formations. PB 3186'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	OD SIZE	PUT IN	PULLED OUT
Arbuckle Lime	Oil	3325'	3330'	8-5/8"	326'9"	None
Lansing Lime	Oil	2868'	3154'		3352'6"	2635'0"

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	3186' to 2860'
5 sacks of cement	2860' to 2835'
Mud	2835' to 300'
Rock bridge	300' to 290'
25 sacks of cement	290' to 264'
Mud	264' to 40'
Rock bridge	40' to 30'
10 sacks of cement	30' to 4'
Surface soil	4' to 0'

RECEIVED
STATE CORPORATION COMMISSION
NOV 14 1958
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor West Supply Company, Inc.
Address Chase, Kansas

STATE OF Kansas, COUNTY OF Reno, ss.
H. E. Wamsley (employee of owner) 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) Josephine L. Johnson
Box 391, Hutchinson, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 13th day of November, 19 58

My commission expires April 7, 1959 Notary Public.

PLUGGING
FILE SEC. 31 T. 16 R. 11W
BOOK PAGE 143 LINE 10

SKELLY OIL COMPANY

Well Record

NORTH	
WEST	EAST
SOUTH	

Lease Name and No. **F. R. Valenta #9697** Well No. **1** Elev. **1902' DP**
Lease Description **S/2 NE/4, Section 31-16S-11W**
Barton County, Kansas
Location made **March 1, 1940** by **Gould Randolph**
feet from North line **330** feet from East line **S/2 NE/4**
560 feet from South line feet from West line of **Sec. 31**
Rig com'd **March 15, 1940** Rig comp'd **March 17, 1940** Drlg. com'd **March 19, 1940** Drlg. comp'd **April 3, 1940**
Rig Contractor **Rig built by drilling contractor**
Drilling Contractor **Hisson Drilling Company, Tulsa, Oklahoma**
Rotary Drilling from **Top** to **3330'** Cable Tool Drilling from **3330'** to **3340 1/2'**
Commenced Producing **April 4, 1940** Initial Prod. before ~~shot~~ or acid **250' OIH in 2 hours** Bbls.
Initial Prod. after ~~shot~~ or acid **POB w/ Depthograph, 19 hrs.** Bbls.
Dry Gas Well Press. **199 oil, 85 wtr. to establish 24 hr. S.O.C. potential** Cu. ft.
Volume **of 2,040 bbls. oil.** Cu. ft.
Casing Head Gas Pressure Volume Cu. ft.
Braden Head (**8-5/8" 15-1/2" OD**) Gas Pressure Volume Cu. ft.
Braden Head () Gas Pressure Volume Cu. ft.
PRODUCING FORMATION **Siliceous Lime** Top **3325'** Bottom **3330'** TOTAL DEPTH **3340 1/2'**
(Name) PB.

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
8-5/8" OD	26	8VT	330				13	326	9	Lapweld	"C"	150	Halliburton
5-1/2" OD	17	8RT	3325				109	3352	6	Seamless	"A"	100	Halliburton
(8-5/8" casing set 7' in cellar and 5 1/2" casing cased to derrick floor)													
(Used one, 5 1/2" OD Baker Combination Guide and Float Shoe)													

Liner Set at Length Perforated at
Liner Set at Length Perforated at
Packet Set at Size and Kind
Packet Set at Size and Kind

SHOT OR ACID TREATMENT RECORD

	FIRST		SECOND		THIRD		FOURTH	
Date	April 4, 1940		April 5, 1940		May 3, 1940			
Acid Used	1000 Gals.		750 Gals.		750 Gals.		Gals.	
Size Shot	Qts.		Qts.		Qts.		Qts.	
Shot Between	3325 Ft. and	3340 Ft.	3325 Ft. and	3340 Ft.	3325 Ft. and	3330 Ft.	Ft. and	Ft.
Size of Shell								
Put in by (Co.)	Halliburton Co.		Halliburton Co.		Halliburton Co.			
Length anchor								
Distance below Cas'g								
Damage to Casing or Casing Shoulder	None		None		None			

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Siliceous Lime	3324				3325	3330	Main body pay formation

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
Shale, sand and shells	0	335	Set and cemented 8-5/8" OD, 28#, L.W. Steel casing at 330' w/ 150 sacks of cement.
Shale and shells	335	575	
Shale and red bed	575	755	
Anhydrite	755	775	
Shale and shells	775	1240	
Salt and shale	1240	1465	
Shale and shells	1465	1592	
Lime and shale	1592	1785	
Broken lime	1785	1860	
Lime and shale	1860	2265	
Shale	2265	2505	
Broken lime	2505	2560	
Lime and shale	2560	2660	
Lime	2660	2934	
Lime and shale	2934	3032	
Lime	3032	3324	
Brown and grey crystalline dolomite	3324	3330	Slightly porous and oil stained
Drilled 7-7/8" hole to 3330'			Top Siliceous Lime at 3324'
			Set and cemented 5-5/8" OD, 17#, 33 casing at 3325' with 100 sacks. Finished cementing at 5:20 AM, 3/30/40, and while waiting for cement to set, standardized rig and rigged up cable tools. Finished rigging up and bailed the hole down on April 2nd and 5-5/8" casing tested OK. Drilled cement and cement job tested OK. Cleaned out to bottom.

DRILLED:	KIND	TOP	BOTTOM	REMARKS
Light grey dolomite	3330	3333		No saturation or porosity - Tested 3 hours, showed only smell of oil
Hard grey & brown cherty dolomite	3333	3336		No shows
Light grey sandy dolomite & chert	3336	3340		Bailed and cleaned up hole - 250' OIH in 2 hours.
Total depth drilled - 3340'				Ran 2" tubing on April 3rd then treated with acid as follows:

ACID TREATMENT NO. 1 - Between 3325' and 3340'			
Acid treatment put in by Halliburton Co., 4/4/40, using 1000 gallons of Halliburton 20% acid and 10.7 barrels of water to jet formation.			
TIME	CP	TP	REMARKS
1:28 PM			Started acid in hole
1:32 "	0#	200#	300 gallons of acid in hole, then started jetting acid into formation
1:43 "	0#	800#	700 gallons of acid in hole
1:55 "	0#	1000#	1000 gallons of acid in hole then started water in
2:10 "	600#	600#	60 gallons of water in
2:31 "	300#	800#	235 gallons of water in
2:40 "	300#	900#	450 gallons of water in hole
2:55 "			Reversed circulation to clean jet and hole of acid and water to complete treatment.
After acid treatment, pulled tubing and swabbed hole down through 5-5/8" casing, swabbing out oil into pits, then swabbed an estimated 12 barrels of oil in 4 hours.			

On April 5th, swabbed thru 5-5/8" casing 8 hours, 53 barrels of oil and no water. Ran 2" tubing and reacidized by Halliburton as follows:			
ACID TREATMENT NO. 2 - Between 3325' and 3340'			
Acid treatment put in by Halliburton Co., 4/5/40, using 750 gallons of Halliburton acid and 34 1/2 bbls. of oil to fill hole and flush tubing.			
TIME	CP	TP	REMARKS
4:50 PM			Filled hole with 20 bbls. of oil, then started acid in
4:56 "	0#	150#	200 gallons of acid in hole
4:59 "	200#	0#	520 gallons of acid in hole, acid on bottom
5:01 "	500#	200#	650 gallons of acid in hole
5:03 "	500#	200#	750 gallons of acid in hole then started oil in hole
5:16 "	500#	500#	Flushed with 14 1/2 bbls. of oil to complete treatment.

After acid treatment, pulled tubing and swabbed thru 5-5/8" casing 3 hours, 146 barrels of oil and no water and swabbed down 1200' from top. Reran 2" tubing on April 6th and POB 15 hours with Depthograph, 155 barrels of oil and 65 barrels of water to establish two points by Depthograph. Completed potential test on April 7th by POB 4 hours, 44 barrels of oil and 20 barrels of water to establish 24 hour State Corporation Commission potential of 2040 barrels, which gives a daily allowable for the remainder of April, 1940, of 124 barrels.

On April 11, pulled rods and tubing and reran tubing with Halliburton jetting shoe on bottom. On April 13th circulated oil out of hole then ran 1000 gallons of Halliburton acid through jetting gun from 3339' to 3340'. Time of treatment 2 hours and 20 minutes, no pressures recorded. Echo-Meter, which was used during treatment, indicated fluid level at 2545'.

April 14th, cemented thru 2" tubing by Halliburton balance method with 25 sacks of cement. Displaced with 370 gallons of water then raised tubing 305' and shut down for cement to set.

On April 15, lowered tubing and washed formation by jetting water with Halliburton then ran rods, and on April 18, POB 23 hours, 120 barrels of oil while ridding hole of fresh water used in cementing. At end of test, fresh water percentage had declined from 75% to 20%.

On April 19th, POB 24 hrs., 219 barrels of oil and 146 barrels of water.

April 20th, POB 18 hours, 125 barrels of oil and 83 barrels of water and shut down for tank room.

On April 23rd, started up and POB 24 hrs., 124 barrels of oil and 83 barrels of water

On April 24th, POB 24 hours, 245 barrels of oil and 125 barrels of water.

On April 25th, pulled rods, circulated oil out of hole and jetted formation with 500 gallons of Halliburton acid, and on April 26th, recemented formation with 25 sacks with Halliburton balance job. Steel Line Measurement before recementing, showed total depth to be 3334'

Let cement set until 8:00 AM, 4/29/40, then washed and jetted formation with water from 3324' to 3327'. Ran rods and pumped out fresh water used in washing hole.

On April 30th, jetted formation with 500 gallons of acid by Halliburton between 3327' and 3329'. Ran rods on this date and POB 5 hours, 4 barrels of oil and 68 barrels of water and well pumped off.

Pulled rods on May 1st and jetted formation with 2000 gallons of acid to 3330'SIM thru tubing, then pulled tubing. Swabbed hole clean thru 5 1/2" casing then bailed and tested 2 1/2 gallons of oil and 2 1/2 gallons of water per hour.

Ran 2" tubing on May 2nd and treated with acid on May 3rd as follows:

ACID TREATMENT NO. 3 - Between 3325 1/2' to 3330'

Treatment put in by Halliburton Co., 5/3/40, using 750 gallons of Halliburton acid and 84 barrels of oil to fill hole and flush tubing.

TIME	OP	TP	REMARKS:
12:45 PM			Filled hole with 70 barrels of oil then started acid in
12:50 "	100#	0#	200 gallons of acid in hole
12:54 "	175#	25#	400 gallons of acid in hole
12:57 "	300#	0#	542 gallons of acid in hole
1:03 "	500#	200#	650 gallons of acid in hole
1:08 "	550#	250#	750 gallons of acid in hole
1:37 "	300#	300#	Flushed hole with 14 barrels of oil to complete treatment. After acid treatment, ran rods and POB 16 hours, 154 barrels of oil and 88 barrels of water.

On May 4th, POB 18 hours with Echo-Meter, 126 barrels of oil and 90 barrels of water which indicated 24 hour fluid productivity of 4,600 barrels of oil productivity of 2,760 barrels and 1840 barrels of water. Did not take retest potential--potential of April 6th, 2,040 barrels, effective.

PRESENT TOTAL DEPTH - 3330' SIM

SLOPE TEST DATA

Tests were taken at 250' intervals from 250' to 3232' and no deflections from vertical were recorded.

Water analysis by Morgan Laboratory, Wichita, Kansas, of formational water from sand and oolitic chert conglomerate below top of Siliceous.

Total Solids	34,980 p.p.m.
Sulfates	515 "
Chlorides	17,300 "

C A S I N G T A L L Y				
8-5/8"OD	5-1/2"OD	5-1/2"OD	5-1/2"OD	5-1/2"OD
21 6	32 5	31 4	30 9	31 2
21 4	31 3	29 11	31 3	30 4
21 2	30 8	31 4	29 11	33 11
21 5	31 4	29 3	31 7	31 7
22 9	31 8	31 3	31 3	31 5
22 4	30 9	28 8	31 1	31 7
22 6	31 7	31 4	30 7	29 7
27 8	31 8	31 4	31 0	27 11
22 9	31 9	30 0	31 10	31 6
22 1	31 0	31 7	31 0	31 1
21 6	31 3	28 7	30 10	30 6
22 8	30 11	32 0	31 6	31 9
22 9	29 0	31 8	31 6	30 0
21 7	32 0	31 9	29 7	31 10
12 9	30 7	31 8	31 7	30 5
	31 4	31 4	31 4	30 0
	31 3	30 8	31 2	30 6
	30 5	30 11	31 7	31 3
	30 7	30 7	31 5	31 1
	31 9	31 0	30 10	31 1
	32 0	30 9	27 3	31 10
	32 0	27 3	30 8	30 5
	30 0	30 10	30 11	31 3
	31 1	31 3	31 5	31 6
	30 6	31 5	31 4	30 0
	31 5	31 7	31 4	31 6
	31 9	30 11	31 2	31 5
				8 4

326' 9"
Set 7' in cellar

3352' 6"

NOV 14 1958
CONSERVATION DIVISION
Wichita, Kansas

PLUGGING BACK RECORD

Date Commenced: October 30, 1956
 Date Completed: November 18, 1956

Plugged back from 3330' to 3186' FB TD-3186'

Production Before: 2 barrels of oil and 259 barrels of water
 Production After: POB 24 hours, 28 barrels of oil and 32 barrels of water

5½" casing perforations open:

Above bridging plug: 2868'-2878' with 61 holes, 3114'-3120' with 37 holes, and 3148'-3154' with 37 holes
 Below bridging plug: 3206'-3212' with 35 holes

Producing Formation: Lansing Lime

- - - - -

Moved in and rigged up cable tools of W. L. Copeland Drilling Company on October 30, 1956. Pulled rods and 2" tubing, cleaned out and drilled cement plug from 3330' to 3338'. Ran Lane-Wells Gamma Ray Neutron Survey.

Set Lane-Wells bridging plug at 3300', then plugged back with 1 sack of Cal-Seal from 3300' to 3289'. Perforated 5½" casing from 3206' to 3212' with 35 holes by Lane-Wells, no shows. Treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 4 - Between 3206' and 3212'

Treatment put in 10/31/56 by Halliburton, using 500 gallons of acid and 76 barrels of oil.

TIME	CP	TP	REMARKS
10:10 am			Start acid
10:25 am	500		Acid on bottom
10:32 am	700		35 gallons of acid in
10:37 am	500		175 gallons of acid in
10:38 am	600		280 gallons of acid in
10:43 am	600		500 gallons of acid in

Swabbed to bottom 2 hours, 76 barrels of oil used in treating and 3 barrels of acid water. Then swabbed off bottom 2 hours, 2½ barrels of acid water with scum of oil. Bailed and tested 3 hours, 15 gallons of acid water with scum of oil per hour.

Set Lane-Wells bridging plug at 3195', then plugged back with 1 sack of Cal-Seal from 3195' to 3186'. Perforated 5½" casing from 3148' to 3154' with 37 holes by Lane-Wells, slight show of oily mud on gun. Treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 5 - Between 3148' and 3154'

Treatment put in 11/1/56 by Halliburton, using 500 gallons of acid and 76 barrels of oil.

TIME	CP	TP	REMARKS
2:25 pm			Start acid
2:30 pm			500 gallons of acid in
2:53 pm	500		Acid on bottom
3:35 pm	1100		42 gallons of acid in formation
4:10 pm	1400		126 gallons of acid in formation
4:15 pm	600		500 gallons of acid in formation

Swabbed 2 hours to bottom, 76 barrels of oil used in treating, 12 barrels of acid water, 1 barrel of formation oil and 4 barrels of formation water. Swabbed 4 hours off bottom, 5½ barrels of oil and 16 barrels of water; then swabbed 8 hours, 8 barrels of oil and 16 barrels of water. On November 2, retreated through 5½" casing with 1500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 6 - Between 3148' and 3154'

Treatment put in 11/2/56 by Halliburton, using 1500 gallons of acid and 75 barrels of oil.

TIME	CP	TP	REMARKS
11:30 am			Start acid
11:45 am			Acid on bottom
11:50 am	0		1050 gallons of acid in formation
11:53 am	200		1500 gallons of acid in formation

Swabbed through 5½" casing 3 hours, 75 barrels of oil used in treating, 10 barrels of formation oil and 36 barrels of acid water. Swabbed off bottom 5 hours, 19 barrels of oil and 25 barrels of water.

Set Lane-Wells bridging plug at 3140' and plugged back with 1 sack of Cal-Seal from 3140' to 3128'. Perforated 5½" casing from 3114' to 3120' with 37 holes by Lane-Wells, no shows. Treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

Conservation Division
 Means, Kansas

ACID TREATMENT NO. 7 - Between 3114' and 3120'

Treatment put in 11/3/56 by Halliburton, using 500 gallons of acid and 73 barrels of oil.

TIME	CP	TP	REMARKS
12:30 am			Start acid
12:35 am			500 gallons of acid in
12:45 am	450		Acid on bottom
12:54 am	450		63 gallons of acid in formation
1:00 am	500		500 gallons of acid in formation

Swabbed through 5½" casing 3 hours, 73 barrels of oil used in treating; then swabbed 2 hours, 2 barrels of acid water with scum of oil.

Set Lane-Wells bridging plug at 3100' and plugged back with 1 sack of Cal-Seal from 3100' to 3086'. Perforated 5½" casing from 2997' to 3008' with 66 holes by Lane-Wells, slight show of oil on top 2' of gun. Treated with 500 gallons of Halliburton MCA acid as follows:

ACID TREATMENT NO. 8 - Between 2997' and 3008'

Treatment put in 11/3/56 by Halliburton, using 500 gallons of acid and 71 barrels of oil.

TIME	CP	TP	REMARKS
3:30 pm	900		Acid on bottom
3:35 pm	300		140 gallons of acid in formation
3:37 pm	300		420 gallons of acid in formation
3:38 pm	250		500 gallons of acid in formation

Swabbed through 5½" casing 3 hours, 71 barrels of oil used in treating; then bailed and tested 9 hours, 5 gallons of oil per hour and 15 gallons of acid water. Ran 2" tubing and set Lane-Wells packer at 2970' and treated with Halliburton Vis-O-Frac as follows:

VIS-O-FRAC TREATMENT NO. 1 - Between 2997' and 3008'

Used 110 barrels of oil
7000# of sand
171 barrels of Vis-O-Frac agent
Maximum TP-3000#, minimum TP-2900#
Time 25 minutes

Pulled 2" tubing and packer. Swabbed through 5½" casing 6 hours, 1000' off bottom, 252 barrels of oil used in treating, no water. On November 5, swabbed through 1½" casing 17 hours, 2000' off bottom, 29 barrels of oil used in treating, 11 barrels of formation oil and 140 barrels of water.

Ran 2" tubing and set DM retainer at 2990' and cemented off perforations from 2997' to 3008' with 200 sacks of Pozmix cement, maximum TP-3000#. Pulled tubing and bailed the hole dry. On November 8, drilled cement plug to 3001' and 5½" casing tested dry.

Perforated 5½" casing from 2997' to 3000' with 18 holes by Lane-Wells, tested 5 gallons of water with scum of oil per hour. Treated with 500 gallons of Halliburton MCA acid as follows:

ACID TREATMENT NO. 9 - Between 2997' and 3000'

Treatment put in 11/8/56 by Halliburton, using 500 gallons of acid and 79 barrels of oil.

TIME	CP	TP	REMARKS
8:30 pm			Start acid
8:35 pm			500 gallons of acid in, start fill hole
8:51 pm	400		Acid on bottom
8:55 pm	250		160 gallons of acid in
9:00 pm	250		420 gallons of acid in
9:05 pm	300		500 gallons of acid in

Swabbed to bottom 2 hours, 79 barrels of oil used in treating and 4 barrels of acid water. Swabbed off bottom 6 hours, 8 barrels of acid water and 35 barrels of formation water with scum of oil. Ran 2" tubing and set DM retainer at 2988'. Cemented off perforations from 2997' to 3000' with 150 sacks of Pozmix cement, maximum TP-3500#. Pulled 2" tubing and swabbed and bailed the hole dry.

Perforated 5½" casing from 2968' to 2974' with 37 holes by Lane-Wells, no shows. Treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 10 - Between 2968' and 2974'

Treatment put in 11/9/56 by Halliburton, using 500 gallons of acid and 70 barrels of oil.

TIME	CP	TP	REMARKS
8:30 pm			Start acid
8:35 pm			500 gallons acid in casing, start flush
8:52 pm			Acid on bottom
8:53 pm	700		Hole loaded
8:57 pm	700		500 gallons of acid in

Swabbed through 5½" casing 2 hours, 70 barrels of oil used in treating and 7 barrels of acid water; then swabbed 7 hours, 5 barrels of acid water, 9 barrels of formation water, and no oil. Ran 2" tubing and set DM retainer at 2957'. Cemented off perforations from 2958' to 2974' with 150 sacks of Pozmix cement, maximum TP-3500#. Pulled 2" tubing and swabbed and bailed the hole dry, 5½" casing tested dry.

Perforated 5½" casing from 2896' to 2904' with 37 holes by Lane-Wells, no shows. Treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 11 - Between 2896' and 2904'

Treatment put in 11/10/56 by Halliburton, using 500 gallons of acid and 70 barrels of oil.

TIME	CP	TP	REMARKS
6:00 pm			Start acid
6:03 pm			500 gallons of acid in casing
6:05 pm			Start flush
6:19 pm			Acid on bottom
6:20 pm	450#		Hole loaded
6:23 pm	400#		500 gallons of acid in

Swabbed through 5½" casing 2 hours, 70 barrels of oil used in treating and 7 barrels of acid water; then swabbed 8 hours, 5 barrels of acid water and 11 barrels of formation water. Ran 2" tubing and set DM retainer at 2885'. Cemented off perforations from 2896' to 2904' with 150 sacks of Pozmix cement, maximum TP-3500#. Pulled tubing and swabbed and bailed the hole dry, 5½" casing tested dry.

Perforated 5½" casing from 2868' to 2878' with 61 holes by Lane-Wells, no shows. Treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 12 - Between 2868' and 2878'

Treatment put in 11/11/56 by Halliburton, using 500 gallons of acid and 70 barrels of oil.

TIME	CP	TP	REMARKS
6:00 pm			Start acid
6:15 pm	250#		Acid on bottom
6:22 pm	550#		160 gallons of acid in
6:25 pm	500#		420 gallons of acid in
6:26 pm	500#		500 gallons of acid in

Swabbed through 5½" casing 2 hours, 70 barrels of oil used in treating, 12 barrels of acid water and 9 barrels of formation water; then swabbed 3 hours, 14 barrels of formation water, no oil. Bailed 4 hours, 7 gallons of water per hour, no oil.

Drilled cement and drove bridging plugs from 3100' and 3140' to 3186'. Swabbed to bottom and off bottom 4 hours, 24 barrels of oil and 40 barrels of water. Swabbed off bottom 6 hours, 15 barrels of oil and 22 barrels of water. Ran 2" tubing and rods and on November 15, POB 10 hours, 20 barrels of oil and 25 barrels of water.

On November 17, POB 24 hours, 28 barrels of oil and 34 barrels of water. On November 18, POB 24 hours, 28 barrels of oil and 32 barrels of water.

PLUGGED BACK TOTAL DEPTH 3186'

Corrected Formation Tops by Lane-Wells Radioactivity Log:

Top Anhydrite	746'
Base Anhydrite	772'
Near Topeka	2624'
Topeka	2660'
Heebner	2950'
Toronto	2965'
Douglas	2978'
Douglas Sand	2996'
Brown Line	3047'
Lansing Line	3067'
Arbuckle Line	3325'

BOOK PAGE 43 TIME 10:10
LIFE SEC 1 10 10
HUNGING

STATE OF KANSAS
NO. 4-158
GONZERS
Wichita, Kansas
VISION
MISSOURI

PLUGGING
FILE SEC 31 T 16 R 11W
BOOK PAGE 143 LINE 10

RECEIVED
NOV 19 1964
MAIL ROOM
U.S. DEPT. OF JUSTICE

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 F. R. Valencia WELL NO. 1 DISTRICT Western Kansas
 SEC. 31 T. 16N R. 11W COUNTY Barton 4260
 SURVEY _____ BLOCK _____ STATE Kansas JOB NO.

CLEANING OUT RECORD	PLUGGING BACK OR DEEPENING RECORD
Date commenced.....19.....	Date commenced..... <u>October 31,</u>19 <u>56</u>
Date completed.....19.....	Date completed..... <u>November 4,</u>19 <u>56</u>
Cleaned out from..... to..... T.D.....	Plugged back or deepened, from <u>3186'</u> to <u>0'</u> T.D. <u>P & A</u>
Prod. before..... bbls. oil..... bbls. water..... cu. ft. gas.....	Prod. before <u>1</u> bbls. <u>5</u> oil..... bbls. <u>--</u> water..... cu. ft. gas.....
Prod. after..... bbls. oil..... bbls. water..... cu. ft. gas.....	Prod. after..... bbls. oil..... bbls. water..... cu. ft. gas.....
Kind of tools used:.....	Kind of tools used: <u>Plugging machine</u>
Tools owned by:.....	Tools owned by: <u>West Supply Co., Inc.</u>

SHOT RECORD

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

CHANGES IN CASING RECORD

OD SIZE	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
<u>5-1/2"</u>	<u>17.0</u>	<u>01</u>	<u>33253</u>	<u>05</u>	<u>2695</u>	<u>0</u>	<u>24</u>	<u>717</u>	<u>0</u>	<u>12</u>	<u>53</u>	<u>0</u>	

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

[Handwritten Signature]

Superintendent.

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

On October 31, 1958, moved in pulling machine of West Supply Company and plugged the well as follows:

Sand	3186' to 2860'
5 sacks of cement	2860' to 2835'

Shot off 5 1/2" casing at 2738', 2707', and 2618', and pulled 85 fts. (2635') of 5 1/2" casing (C cond.).

Mud	2835' to 300'
Rock bridge	300' to 290'
25 sacks of cement	290' to 264'
Mud	264' to 40'
Rock bridge	40' to 30'
10 sacks of cement	30' to 4'
Surface soil	4' to 0'

Plugged and abandoned November 4, 1958.

RECORD OF FORMATIONS

FORMATION	(1)	TOP	BOTTOM	REMARKS
				Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.

PLUGGING

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