WELL PLUGGING RECORD

Clark County, Sec. 25, Twp. 34S, Rge. (E) 24, W
Location as "NE/CNW3SW3" or footage from line 1250' PSL 1250' PEL SR
Lease Owner: Skelly Oil Company
Lease Name: E. M. Gabbett Well No. 1
Office Address: 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole): Dry Hole
Date well completed: August 10, 1959
Application for plugging filed: August 18, 1959
Application for plugging approved: August 21, 1959
Plugging commenced: September 8, 1959
Plugging completed: September 12, 1959
Reason for abandonment of well or producing formation: Dry Hole (Not sufficient gas to be commercial producer).
If a producing well is abandoned, date of last production: 1959
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. W. L. Lackamp
Producing formation: None
Show depth and thickness of all water, oil and gas formations:

Name of Plugging Contractor: Ace Pipe Pulling Company
Name of Conservation Agent: Mr. W. L. Lackamp
Address: Box 301, Great Bend, Kansas
Address: Box 301, Hutchinson, Kansas
State of Kansas, County of Reno, S
Subscribed and sworn to before me this 16th day of September, 1959
Notary Public
SMELLY OIL COMPANY

P.O. Box 988

13/4 North 32nd Street

KANSAS CITY, MISSOURI

LEASE NUMBER: 10980

Sec. 25-34S-24W, Clark County,

Latitude: 39° 15' 30"

Longitude: 96° 45' 30"

Work Commenced: 5/14

Completion: 5/27

Big Commissioner:

Drill Rig:

Drillers: Davis & Ream, Engineers

Location:

Drilling Contractor:

Cable Tool Drilling from:

Commenced Producing:

D.B. Roll

Initial Prod. before shot or acid:

Initial Prod. after shot or acid:

D.B. Roll

Dry Gas Wells:

Casing Head:

Driller:

Type:

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<tr>
<td>Shale</td>
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<td></td>
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<tr>
<td>Cementing at 127°F with 16&quot;</td>
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<tr>
<td>B. &amp; D. cement  with 2%</td>
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<td>O. C. cementing at 127°F</td>
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<td>9/15/56 cement circulated</td>
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<td>Anhydrite</td>
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<td>Line</td>
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<td></td>
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<td>5520</td>
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**THE PARTIAL LINE 5061**

- Halliburton drill stem test No. 1, packer set at 5011, used 30' of anchor, open 5½ hours, peak blow for 6 mins, recovered 30 ft of drilling mud with slight change in condensation from 116/7 to 20 mins, IPP-487, PFP-514 in 20 mins.

**THE SHEET LINE 5521**

- Halliburton drill stem test No. 2, packer set at 5521, used 5½ anchor, peak blow for 1 hour, gas to surface in 3 minutes, gas gauged 74 MGF at end of 15 mins., in 1 hr, gas gauged 48 MGF, recovered 50' drilling mud, IPP-1056 in 20 mins, IPP-125, PFP-306, PFP-773 in 20 mins.

- Halliburton drill stem test No. 3, packer set at 5522, used 5½ anchor, open 5½ hours, no show of gas, recovered 30' of mud, peak blow for 20 mins, IPP-105, PFP-460.

**THE PARTIAL LINE 5526**

- Halliburton drill stem test No. 4, packer set at 5590, used 60' anchor, open 5½ hours, no show of gas, recovered 50' of drilling mud, IPP-1050 in 20 mins, IPP-460, PFP-407, PFP-460 in 20 minutes.

- Halliburton drill stem test No. 5, packer set at 5720, used 26' anchor, open 4½ mins., very good blow in 5 mins, gas to surface in 55 mins, peak 5½ hours to guage, good blow for 70 mins, recovered 95% of gas cut mud, IPP-1550, PFP-557, PFP-75, IPP-1850 in 20 mins.

**THE PARTIAL LINE 5746**

- Halliburton drill stem test No. 6, packer set at 5732, used 53’ anchor, open 35 mins., no blow, recovered 60' of very slight gas cut mud, IPP-1850, PFP-407, PFP-557, PFP-75 in 20 mins.
Line and shale 5896 5900
Sand, line and shale 5896 5952
Line and shale 5909 5899
Shaly line 5926 5899
Sand and shale 6095 6087
Line and shale 6067 6061

Chert, line and shale 6031 6068
Line and shale 6098 6077
Line and shale complemarent 6077 6039
Sand and shale 6095 6033
Line, shale and chert 6033 6039
Line and shale 6039 7035
Sand, line and shale 7035 7110
Shaly line, shale, and chert 7110 7188
Line and shale 7188 7188
Sandy line 7188 7184
Sand and line 7184 7213
Sand and line 7163 7236

sand, line, and shale 7236 7236
sand, shale and line 7226 7236
Line and chert 7226 7204
Line 7226 7226
Line, line and shale 7226 7226
Lineline and shale 7226 7226
Sandy line, shale and diolinite 7506 7553
Line and shale 7553 7553

TOTAL DEPTH Bored 7/8/59 7576'

Total Depth Bored 7/8/59

Cement on bottom with 120 sacks of common cement with 50 cu. ft. of Gereke crew and 2% gal. Then cemented through stage collar with 150 sacks of common cement, 20 cu. ft. of Gereke crew and 4 1/2 gal. Finished cementing at 5:00 pm 7/8/59. Halliburton Temperature Survey showed top of cement behind 2%/ casing at 51°F.

Rugged up cable tools on July 10, 1959, and swabbed the hole dry in 5000'. Drilled and cleaned out cement plug from 5000' to 5930'. Drilled stage collar at 5930', and drilled cement plug and cleaned out to 6891'. Catted 6 hours, hole tested dry. Ran Velas Curve Ray Collar Locator Log. Plugged back 3 gallons of Oill from 6891' to 6888'.

Casing Perforation No. 1. - Space - 6877'-6882'
6877'-6882' 26 Holes

Hole filled to within 3000' of top with drilling mud. Swabbed through 2% casing 4 hours. 100 barrels of drilling mud. Swabbed to bottom. 7/10-6888'. Catted and tested 2 hours, 5 gallons of drilling mud per hour. Treated through 2% casing from 6877' to 6882' with 1500 gallons of Halliburton 150b acid as follows:

TREATMENT No. 1. - Acidized between 6877' and 6882'

Treatment put in 7/22/59 by Halliburton, using 1000 gallons of acid and 173 barrels of water.

Time MP Down
10:00S 0

Start acid
12:30 pm 000

Acid on bottom
12:37 pm 450

Treatment completed

Swabbed through 2%/ casing 4 hours. no gas and 20 gallons of salt water per hour.

Set later below plug at 6860'. Plugged back with 4 gallons of Oil-Deal and 1 gallon of oil from 6860' to 6851'.

Casing Perforation No. 2. - Space - 6832'-6834'
6832'-6834' 26 Holes

Swabbed 10 hours, no gas and 6 gallons of muddy water per hour. Treated through 2% casing with 500 gallons of Halliburton 150b acid as follows:

TREATMENT No. 2. - Acidized between 6832' and 6834'

Treatment put in 7/29/59 by Halliburton, using 500 gallons of acid and 118 barrels of water.

Time MP Down
11:15 am 0

Start acid
11:47 am 01

Acid on bottom
12:12 pm 200

Acid on bottom
12:28 pm 300

Treatment completed
Swabbed out water used in treating. Then swabbed through 5.5" casing 4 hours, 30 gallons of muddy water and no show of gas. On July 26, swabbed through 5.5" casing 4 hours, no show of gas with 2 barrels of water per hour.

Set waxed bridging plug at 5760' and plugged back with 48 gallons of Cal-Seal and 3 gallons of mud from 5760' to 5753'.

Gas line Perforation No. 3 - Chester Line - 5774' and 5764'

2733' to 2716' 23 holes

Tailed 8 hours, no gas with 1 gallon of muddy water per hour. Treated through 28" casing with 500 gallons of Halliburton 35A acid as follows:

SEDIMENT No. 1 - Acidized between 5728' and 5744'

Treated jet in 7/6/20/39 by Halliburton, using 500 gallons of acid and 140 barrels water.

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<tbody>
<tr>
<td>11:59 pm</td>
<td>5000</td>
<td>Start acid</td>
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<tr>
<td>11:31 pm</td>
<td>6000</td>
<td>Acid on bottom</td>
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<tr>
<td>11:47 am</td>
<td>1300</td>
<td>Treatment completed</td>
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<tr>
<td>11:35 am</td>
<td>6000</td>
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</tbody>
</table>

Swabbed to bottom, water used in treating, gas gauged 49 MCF with 3 gallons water used in treating per hour. On July 26, swabbed through 5.5" casing 5 hours, gas gauged 62 MCF with 3 gallons of water used in treating per hour. Treated through 28" casing with Halliburton Acid-Frac as follows:

TREATMENT No. 4 - Acid-Frac Between 5738' and 5744'

Used 6000 gallons of 3% Geloid acid

6000' of sand

Maxmin OP-1500', minimum OP-1600'

Time 5 minutes

Used 150 barrels of water to flush

Injection rate: 31 barrels per minute

Swabbed through 5.5" casing 5 hours, well started flowing. Floved through 5.5" casing 7 hours, gas gauged 775 MCF with 5 barrels of treating water per hour. On July 27, flowed through 5.5" casing 5 hours, gas gauged 775 MCF with 1 barrel acid water per hour.

Set waxed bridging plug at 5530' and plugged back with 4 gallons of Cal-Seal and 2 gallons of mud from 5533' to 5534'.

Gas line Perforation No. 4 - Chester Line - Between 5506' and 5519'

5506' to 5519' 25 holes

Tailed 3 hours, no gas with 2 gallons of fresh water per hour. Treated through 5.5" casing with 500 gallons of Halliburton 35A acid as follows:

TREATMENT No. 5 - Acidized between 5508' and 5514'

Treated jet in 7/27/39 by Halliburton, using 500 gallons of acid, and 135 barrels water to flush.

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<tr>
<td>9:12 pm</td>
<td>3000</td>
<td>Start acid</td>
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<tr>
<td>9:22 pm</td>
<td>3000</td>
<td>Acid on bottom</td>
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<tr>
<td>9:39 pm</td>
<td>7500</td>
<td>Treatment completed</td>
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Swabbed out fluid used in treating, then tailed and tested 10 hours, gas gauged 33 MCF with 15 gallons of treating water per hour. Ran Halliburton Acid-Frac as follows:

TREATMENT No. 6 - Acid-Frac - Between 5505' and 5510'

Used 6000 gallons of 3% Geloid acid

8000' of sand

Maxmin OP-1500', minimum OP-1600'

Time 10 minutes

Used 143 barrels of water to flush

Injection rate: 20 barrels per minute

Drilled and drove bridging plug from 5536' to 5755'.

PLOUGED BACK TOTAL DEPTH 5755'

ran 2" tubing, swabbed through tubing 12 hours, and well started flowing. Floved through 2" tubing 1 hour, 23 barrels of water used in treating, gas went to gauge, PDC-400'. On July 30, flowed through 2" tubing 13 hours and gas gauged 1,090 MCF with 21 barrels of treating water per hour, PDC-400'. Shut in 18 hours, 31 CF-1320'. Opened 2" valve and flowed through tubing 20 minutes, then opened 2" valve on 5.5" casing and flowed 1 hour and 10 minutes, closed 2" valve and flowed through 2" tubing 2 hours 45 minutes, gas gauged 1,100 MCF with 2 barrels of treating water per hour, PDC-4360'.
Shut in 42 hours, 31 Oct-1450'. Flowed through 2" tubing and 51" casing 1 hour, closed casing, then flowed through 2" tubing 45 hours, gas gauged 1,404 MCF with 36 gallons of treating water per hour, FG-400'. On August 5, 31 Oct-1200', flowed through 2" tubing 7 hours, gas gauged 1,404 MCF with 3 barrels of treating water per hour, FG-390'.

Installed test separator and on August 7, flowed through 2" tubing and separator 24 hours, gas gauged 377 MCF, FG-410', FG-125', with 26 barrels of water. On August 8, flowed through 2" tubing 24 hours, gas gauged 363 MCF, FG-390', FG-125', 26 barrels of water. On August 9, flowed through 2" tubing 24 hours, gas gauged 300 MCF, FG-390', FG-125', FG-185', FG-120', with 26 barrels of water per hour. On August 10, flowed through 2" tubing 24 hours, 30/64" choke, gas gauged 100 MCF, FG-600', FG-225', no water. On August 11, flowed through 2" tubing 24 hours, gas gauged 250 MCF, FG-400', FG-100' with 26 barrels of water.

Due to the low productivity of gas from this well, and since all probable productive zones have been tested and bore no commercial oil or gas production, regular authority was granted to plug and abandon the well.

On September 8, started plugging as follows:

- 55' rods of casing at 3750'
- 45' rods of casing at 3730'
- 80' rods of casing at 3710'
- 50' rods of casing at 3690'
- 70' rods of casing at 3640'
- 10' rods of casing at 3630'
- 10' rods of casing at 3620'
- 8' surface

Plugged and abandoned 9/12/59.

Pulled out: 4575' of 5 7/8" OD, 5 5/8" ID, 6 5/8, 7 1/8, 7 5/8, 8 5/8, 9 5/8 casing (1 cond.).

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<td>100'</td>
<td>1/4 Degree</td>
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<td>625'</td>
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<td>907'</td>
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<td>1230'</td>
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CONSERVATION DIVISION
Wichita, Kansas