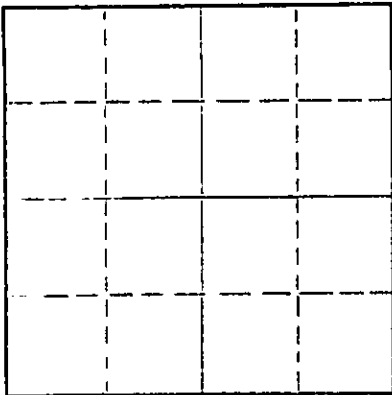


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Wallace County, Sec. 19 Twp. 13 Rge. (E) 42 (W)
Location as "NE/CNWxSWx" or footage from lines NW NE SW Section 19
Lease Owner Skelly Oil Company
Lease Name N. D. Sexson Well No. 1
Office Address 1860 Lincoln Street, Denver, Colorado 80203
Character of Well (completed as Oil, Gas or Dry Hole) Gas
Date well completed October 26, 19 56
Application for plugging filed May 11, 19 72
Application for plugging approved May 15, 19 72
Plugging commenced July 9, 19 72
Plugging completed July 18, 19 72
Reason for abandonment of well or producing formation No market for gas

If a producing well is abandoned, date of last production 19
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 W. L. Nichols
Producing formation Morrow Depth to top 5008 Bottom 5014 Total Depth of Well 5588 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
Morrow	Gas	5008	5014	13 3/8	436	0
				8 5/8	2926	198
				5 1/2	5229	3431

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.

7-9-72 MI&RU J. W. Gibson Pulling Unit. Killed well with 120 bbls. of fresh water. Spotted 50 sacks cement from 5030-4600. Pulled and laid 2 3/8" tubing. Ran Howco steel line and found top of cement at 4348. MI&RU Hydraulic Jacks, took tension on 5 1/2" casing. Shot 5 1/2" casing at 4290. Worked casing, unable to pull free, shot casing at 4100', 3905', 3715', 3495' and 3400', pipe pulled free.
Pulled total of 108 joints of 5 1/2" OD Casing (3431')
Pulled on 5 5/8" casing, shot casing and recovered 10 joints 8 5/8" casing 198'.
Set bridge plug at 204' top of 8 5/8" casing stub.
Plugged with mud 4348' to 204'.
50 sacks cement 204' to 150'.
Mud 150' to 30'.
25 sacks cement 30' to Base of Cellar
surface soil from base of cellar to ground level
Completed P&A 7-18-72.

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26 1972
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Wichita, Kansas
07-26-72

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

Name of Plugging Contractor Southwest Casing Pulling Co.
Address P. O. Box 522, Great Bend, Kansas. 67530.

STATE OF COLORADO, COUNTY OF DENVER, ss.
A. H. Hurley (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) A. H. Hurley
1860 Lincoln Street, Denver, Colorado
(Address)

SUBSCRIBED AND SWORN to before me this 24th day of July, 1972

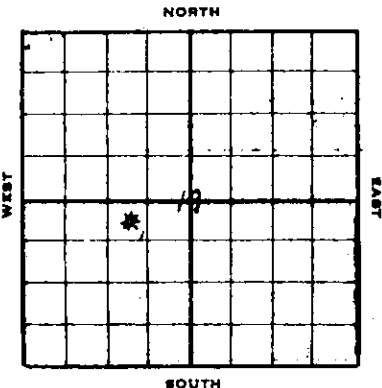
My commission expires November 4, 1973
Geraldine Pate Notary Public.

15-199-00014-00-00

SKELLY OIL COMPANY

Well Record

3'56" BB
3853' LF
3844' BH



Lease Name and No. **F. W. Rexson** Well No. **I** Elev. **3844'**
 Lease Description **8/2 Section 19-13-42E, Wallace County, Kansas (320 Acres)**
 Location made **June 26, 1956** by **Sherman Co., Engineer**
330 feet from North line **990** feet from East line **1/4**
 feet from South line feet from West line of **Sec. 19**
 Work com'd. **7/2** 19**56** Rig comp'd **7/4** 19**56** Drig. com'd. **7/4** 19**56** Drig. comp'd. **8/10** 19**56**

Rig Contractor **Chas. Hulme Drilling Contractor**
 Drilling Contractor **Chas. Hulme Drilling Contractor, Great Bend, Kansas**
 Rotary Drilling from **0'** to **5588'** Cable Tool Drilling from **To complete** to

Commenced Producing **August 18, 1956** Initial Prod. before shot or acid _____ Bbls.
 Initial Prod. after shot or acid _____ Bbls.
 Dry Gas Well Press. **SI 01-897, F01-749** Volume **14,034,000** Cu. ft.

Casing Head Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head **23-3/8" x 28-5/8"** Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head **(8-5/8" x 5 1/2" OD)** Gas Pressure _____ Volume _____ Cu. ft.

PRODUCING FORMATION **Narrow sand** (Name) Top **5008'** Bottom **5014'** TOTAL DEPTH **5588'**
PB 5030'

CASING RECORD

Casing Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
13-3/8"	40	BR	436'				14	436	6	H40 R2	B	400	Halliburton
8-5/8"	28	BR					69	1413	0	R1 L2	C		
8-5/8"	28	BR					18	548	0	R2	C		
8-5/8"	22	J					16	640	0	Armed	A		
8-5/8"	28	BR	2905'				13	325	0	R1	B	400	Halliburton
5-1/2"	15	BR					48	1547	0	J55 R2	A		
5-1/2"	14	BR					83	2640	0	J55 R2	A		
5-1/2"	15	BR	5188'				83	1042	0	J55 R2	A	200	Halliburton

5 1/2" casing perforations open: 5008' to 5014' with 36 holes

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	8/27/56			
Acid Used				
Size Shot				
Shot Between	5008 Ft. and 5014 Ft.			
Size of Shell				
Put in by (Co.)	Halliburton			
Length anchor				
Distance below Cas'g	(Vin-o-Frac)			
Damage to Casing or Casing Shoulder				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Hebner shale	4162'						
Toronto Line	4196'						
Lansing Line	4220'						
Marmaton Line	4590'						
Cherokee shale	4734'						
Narrow sand	5006'		5008'	5014'			
Mississippi Line	5152'						
Arbuckle Line	5538'						

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	Prpd. 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, sand, and gravel	0	115	
Shale and shells	115	440	Set and cemented 1 1/2" casing (2 cond.) at 436' with 400 sacks of common cement. Cement circulated.
Shale and shells	440	740	6 1/2 hrs. lost circulation time from 440' to 740'
Shale	740	1250	15 hrs. LIT from 740' to 1250'
Shale	1250	1585	18 hrs. LIT from 1250' to 1585'
Shale	1585	1815	11 1/2 hrs. LIT from 1585' to 1815'
Shale	1815	1885	23 hrs. LIT from 1815' to 1885'
Sandy shale	1885	2177	9 3/4 hrs. LIT from 1885' to 2177'
Lime and sand	2177	2358	14 1/2 hrs. LIT from 2177' to 2358'
Lime and shale	2358	2497	
Sandy shale	2497	2700	
Lime and shale	2700	2825	
Lime	2825	2905	12 hrs. LIT from 2700' to 2825'
			13 hrs. LIT from 2825' to 2905'
			Set and cemented 325' of 8-5/8" casing (2 cond.); 640' of 8-5/8" casing (2 cond.); 548' of 8-5/8" casing (2 cond.); and 1413' of 8-5/8" casing (2 cond.) at 2905' w/ 200 sacks of Rosinix cement, 1 1/2 calcium chloride, and 400 sacks of cement, 1 1/2 calcium chloride. Fin. 2:30 p.m. 7/16/56. Halliburton Temperature Survey showed top of cement behind 8-5/8" casing at 1480'.
Anhydrite	2905	2915	
White sand	2915	2920	
Shale and shells	2920	3110	
Shale and lime	3110	3915	
Lime	3915	3980	434' LIT at 3950'
			Run Halliburton drill stem test No. 1, packer set at 3958', used 22' anchor, open 1 hr., weak blow throughout test, recovered 450' of drilling mud and water, SHP-1350 in 20 minutes.
Lime	3980	3996	Run Halliburton drill stem test No. 2, packer set at 3980', used 16' anchor, open 1 hour, fair blow throughout test, recovered 600' of formation water, SHP-950 in 20 minutes.
Lime	3996	4127	Run Halliburton drill stem test No. 3, packer set at 4104', used 23' anchor, open 1 hour, weak blow for 1 hour, recovered 330' of muddy water, SHP-980 in 20 minutes.
Lime and shale	4127	4195	
Lime	4195	4227	4127 4195 4227
			Run Halliburton drill stem test No. 4, packer set at 4204', used 23' anchor, open 1 hour, good blow throughout test, recovered 615' of salt water, SHP-1150 in 20 mins.
Lime	4227	4343	Run Halliburton drill stem test No. 5, packer set at 4330', used 13' anchor, open 1 hour, good blow for 1 hour, recovered 1470' of water, SHP-1150 in 20 min.
Lime	4343	4523	Run Halliburton drill stem test No. 6 w/ straddle packers from 4254' to 4288', open 1 hour, good blow for 1 hour, recovered 2510' of water, SHP-1150 in 20 minutes.
Lime and shale	4523	4570	
Lime	4570	4659	4523 4570 4659
Lime and shale	4659	4763	
Lime	4763	4885	Run Halliburton drill stem test No. 7, packer set at 4734'

lime and shale	4885	4955	<p><u>TOP OF SHALE 4955'</u> <u>TOP OF SANDY SHALE 5015'</u> Run Halliburton drill stem test No. 7 with packer set at 4994', used 21' of anchor, gas to surface in 3 minutes, open 1 hour, gas gauged 5,210 H.C.F., recovered 5' of drilling mud, 100-1065 in 20 minutes.</p>
lime and sandy shale	4955	5015	
and	5015	5017	<p>Lost and regained circulation attempted to run Halliburton drill stem test with packer set at 5023', using 17' anchor, and packer failed to hold. Pulled packer and reconditioned hole. Reran tester and set packer at 4992', used 48' anchor, open 1 1/2 hours, gas gauged 4,935 H.C.F., recovered 5' of drilling mud, 100-500, 100-540, 100-1035 in 20 minutes.</p>
and	5017	5040	
shale and sand	5040	5060	<p><u>TOP OF SANDY SHALE 5044'</u> <u>TOP OF LIMESTONE 5152'</u> Run Halliburton drill stem test No. 9 with packer set at 5154', used 33' anchor, open 1 hour, light blow for 5 minutes, recovered 2' of drilling mud, 100-0, 100-0, 100-30 in 20 minutes.</p>
shale and lime	5060	5147	
lime	5147	5167	
lime and chert	5167	5230	<p>Run Halliburton drill stem test No. 10, packer set at 5167', used 43' anchor, open 1 hour, weak blow for 10 minutes, recovered 5' of drilling mud, 100-0, 100-0, 100-60 in 20 minutes.</p>
lime and chert	5230	5280	<p>Run Halliburton drill stem test No. 11, packer set at 5230', used 50' anchor, open 1 hour, fair blow for 20 minutes, recovered 500' of formation water, 100-60, 100-300, 100-1035 in 20 minutes.</p>
chert and lime	5280	5535	<p><u>TOP OF SANDY SHALE 5460'</u> <u>TOP OF LIMESTONE 5538'</u> Run Halliburton drill stem test No. 12, packer set at 5533' with 20' anchor, open 1 hour, good blow throughout test, recovered 1440' of formation water, 100-60, 100-65, 100-1240 in 20 minutes.</p>
lime	5535	5553	
lime	5553	5582	<p>Run Schlumberger microlog survey from 2905' to 5570' (hole in hole would not let tool go to bottom.) Run Schlumberger electrical survey from 0' to 2905'.</p>

Set and cemented 1547' of 5 1/2" casing, 15.5, 24, 4-2, 4-55, c.c.s. casing (c. cond.); 1042' of 5 1/2" casing, 14, 24, 4-2, 4-55, c.c.s. casing (c. cond.); and 1042' of 5 1/2" casing, 15.5, 24, 4-2, 4-55, c.c.s. casing (c. cond.) at 5168' with 200 sacks of common cement followed with 350 gallons of Howell sealment. Finished cementing at 10:00 p.m. 8/11/50. Halliburton temperature survey showed top of cement behind 5 1/2" casing at 4440'.

Moved in and rigged up cable tools on August 14, swabbed the hole down to top of cement plug at 5158', and 5 1/2" casing tested dry. Plugged back from 5158' to 5030' LM with sand and rock.

Perforated 5 1/2" casing from 5008' to 5014' with 35 Alex Bone shots and well started flowing. Flowed through 5 1/2" casing 8 hours, gas gauged 5,030 H.C.F. Shut in 7 hours, 100-900.

On August 17, treated with Halliburton fix-frac as follows:

100-1035 - 100-1035 - 1 - between 5008' and 5014'
 Used 6000 gallons of fix-frac gel
 6000 of sand
 maximum 10-1900, broke to 1400, final 0
 time 15 minutes
 Used 2000 gallons diesel fuel and 3000 gallons water to flush

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Run 2" tubing and scrubbed well in through 2" tubing. Shut in CP-897, deadweight gauge, flowing CP-749, gas gauged 5,031 M.C.F. for calculated absolute open flow of 14,034 M.C.F. of gas daily.

TOTAL DEPTH 5980' PLUGGED BACK 5030'

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION	Degrees
3080'	2-3/4	"
3190'	2-3/4	"
3270'	2-3/4	"
3325'	2-3/4	"
3390'	2-1/2	"
3514'	2-1/2	"
3685'	2-2/4	"
3862'	2	"
4127'	1-1/2	"
4468'	1-3/4	"
4550'	1-1/2	"
4710'	3/4	"
4860'	1	"
5015'	3/4	"

WATER ANALYSIS

Pawhuska Research Laboratory
 Sample No. 11762
 Depth: 3980' to 3996'

Date Received: 8/9/56
 Date Completed: 8/10/56

	PPM
Chlorides as Cl.	21,631
Chlorides as NaCl.	35,650
Sulfates as SO ₄	6,021
Sulfates as CaSO ₄	8,928

Sample No. 11764
 Depth: 4284' to 4287'

Date Received: 8/9/56
 Date Completed: 8/10/56

	PPM
Chlorides as Cl.	15,602
Chlorides as NaCl.	25,718
Sulfates as SO ₄	4,773
Sulfates as CaSO ₄	6,764

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 MAY 15 1972
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