

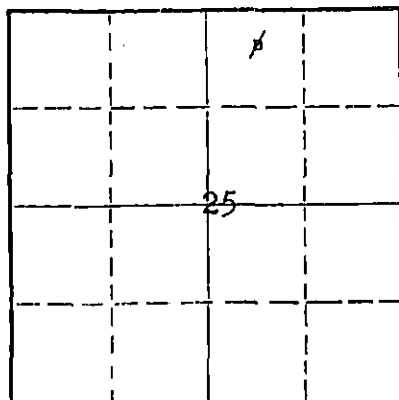
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

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

NORTH



Locate well correctly on above
Section Plat

Pratt

County. Sec. 25 Twp. 27S Rge. 11 (E) (W)

Location as "NE/CNW&SW&" or footage from lines 665' FNL 334' FWL

Lease Owner Skelly Oil Company

Lease Name Cunningham "B" Unit Well No. 13

Office Address 1860 Lincoln St., Denver, Colorado 80203

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

Date well completed December 17, 19 40

Application for plugging filed April 10, 19 67

Application for plugging approved April 13, 19 67

Plugging commenced June 4, 19 67

Plugging completed June 7, 19 67

Reason for abandonment of well or producing formation Uneconomical to operate

If a producing well is abandoned, date of last production Shut Down 9/14 19 60

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. A. Elving

Producing formation Lansing Lime Depth to top 3445' Bottom Total Depth of Well 3505 Feet

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

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE OD	PUT IN	PULLED OUT
Lansing Lime	Oil	3446'	3505'	8-5/8"	370'0"	None
				5-1/2"	3465'8"	1701'3"

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	3496' to 3400'
20 sacks of cement	3400' to 3260'
Mud	3260' to 300'
Rock bridge	300' to 290'
10 sacks of cement	290' to 265'
10 sacks of cement	265' to 240'
Mud	240' to 40'
Rock bridge	40' to 30'
10 sacks of cement	30' to Base of cellar
Surface soil	Cellar to Surface

RECEIVED
STATE CORPORATION COMMISSION

JUL 24 1967

CONSERVATION DIVISION
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Knight Casing Pulling Company
Address P. O. Box 304, Chase, Kansas 67524

STATE OF Colorado, COUNTY OF Denver, ss.
Leland Franz (employee of owner) or (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)

1860 Lincoln St., Denver, Colo. 80203

(Address)

SUBSCRIBED AND SWORN to before me this 20th day of July, 19 67

My commission expires June 17, 1970

Notary Public.

Cunningham "B" Unit
Well No. 13

Web No. 13

Well Record

Lease Name and No.	Tract	Well No.	Elev.
Erabbiel "A"	214312	4	1710' DF

Local Description: S/2 SE/4 Sec. 24, and E/2 NE/4 Sec. 25-276-114.

Pratt County, Kansas.

November 2, 1940. Kingman County Engineer

685 feet from North line

feet from South line. 534 feet from West line of Sec. 25

Big com'd Nov. 4, 40. Rig com'd Nov. 7, 40. Drls com'd Nov. 7, 40. Drls com'd Dec. 15, 40.

Rig built by drilling contractor.

Bedine Drilling Company - Great Bend, Kansas.

Drilling Contractor	Top	3461	Cable Tool Drilling from	3461	3503
---------------------	-----	------	--------------------------	------	------

Rotary Drilling from	Initial Prod.	Before shot or acid	1200' CH	Bbls

Commenced Producing: December 17, 19 Initial Prod. after shot or acid: Flowed 6 hrs, 203.20 bbls of Bbls

oil to estimate the or S.G.C. potential of 600.00 units.

Dry Gas Well Press	Volume	Cu. ft

Casing Head Gas Pressure _____ Volume _____ Cu. ft.

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

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

PRODUCING FORMATION: laminar lime Top: 3445' Bottom: 3503' TOTAL DEPTH: 3905'
(Name)

CASING RECORD

Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Condn	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
2-5/8"OD	52 1/2	3V	573				13	370	0	Lapweld	"C"	150	Halliburton
5-1/2"OD	144	10V	3446				75	3465	0	Elec. Weld	"E"	223	Halliburton
(2-5/8"OD casing set 6' in cellar and 5-1/2"OD casing cased to derrick floor).													
(Used one 5 1/2"OD Baker Combination Guide and Float Tool)													

Liner Set at _____ Length _____ Perforated at _____

Liner Set at _____ Length _____ Perforated at _____

Packet Set at _____ Size and Kind _____

Packet Set at	Size and Kind
1	1000
2	1000
3	1000
4	1000
5	1000
6	1000
7	1000
8	1000
9	1000
10	1000
11	1000
12	1000
13	1000
14	1000
15	1000
16	1000
17	1000
18	1000
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91	1000
92	1000
93	1000
94	1000
95	1000
96	1000
97	1000
98	1000
99	1000
100	1000

SHOT OR ACID TREATMENT RECORD

	FIRST	SECOND	THIRD	FOURTH
Date	12-17-40			
Acid Used	7000			
Size Shot	Gals. None	Gals. Qts.	Gals. Qts.	Gals. Qts.
Shot Between	5445 Ft. and 5505	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)	Morgan			
Length anchor	75 Qts.			
Distance below Cas'g				
Damage to Casing or Casing Shoulder	None			

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Lansing line	3445				3445	3461	Pay formation.
					3460	3461	Pay formation.
					3462	3462	Pay formation.
					3477	3506	Pay formation.
							Show of gas from 3469 to 3472.

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 detail
2nd						" " " " "
3rd						" " " " "
4th						" " " " "

(See Reverse for Record of Formation)

RECORD OF FORMATIONS

FORMATION	Well Record	TOP	BOTTOM	REMARKS
Shale and sand	Well No.	0	105	Let and cemented 5/8" hole at 3445' with 225 sacks of cement.
Red bed		105	380	
Red bed		380	450	
Shale and sand		450	1035	
Shale		1035	1230	
Shale and sand		1230	1400	
Shale		1400	1825	
Shale		1825	1900	
Shale and sand		1900	1930	
Shale		1930	2070	
Shale and sand		2070	2100	
Shale		2100	2125	
Shale and sand		2125	2160	
Shale		2160	2325	
Shale		2325	2365	
Shale and sand		2365	2445	
Shale and sand		2445	2570	
Shale		2570	2575	
Shale and sand		2575	2900	
Shale		2900	2935	
Shale and sand		2935	2985	
Shale		2985	3160	
Shale		3160	3235	
Shale		3235	3320	
Shale		3320	3340	
Shale		3340	3360	
Shale		3360	3380	
Shale		3380	3395	
Shale		3395	3435	
Brown lime and shale		3435	3455	
Dark gray limy shale		3455	3465	
Gray crystalline lime		3465	3475	

Drilled 7-7/8" hole to 3451'.

Finished drilling December 16, 1940.

Let and cemented 5/8" hole at 3445' with 225 sacks of cement. Finished cementing at 10:00 a.m. December 15th and 11-12-40. When rig was moved to new location, the hole was drilled up to 3436' and casing tested OK. Finished drilling cement plug and cement job tested OK. Cleaned out to bottom with back-siphoned mud.

FORMATION	Well Record	TOP	BOTTOM	REMARKS
Hard gray crystalline lime		3451	3455	No porosity or saturation.
Hard gray crystalline lime		3455	3460	No porosity or saturation.
Soft brown lime		3460	3465	Porosity and saturation, little show of oil and smell of gas.
Hard dark gray lime		3465	3475	No porosity or saturation.
Medium hard gray lime w/ little brown lime		3475	3492	Last 8' soft, show of gas and 50' oil in 45 minutes.
Gray crystalline lime and little brown lime		3492	3497	Slight porosity and saturation.
Same		3497	3498	2000' oil in 5 hours.
Hard gray lime		3498	3499	No porosity or saturation.
Same		3499	3499	
Same		3499	3499	
Same		3499	3499	
Soft gray and brown lime		3499	3500	Good porosity and saturation.
Soft brown lime		3500	3503	Good porosity and saturation.
Hard gray lime with little brown lime		3503	3505	Slight porosity and saturation, 1200' oil in 20 minutes.
Total Depth - 3505'				

On December 16th ran 2" tubing and on December 17th treated with 7000 gallons of Morgan acid as follows:

TIME	OP	REMARKS
11:55 AM		Filled hole with 67 1/2 barrels of oil then started acid in.
12:10 PM	3500	600 gallons of acid in hole.
12:15 "	4500	800 gallons of acid in hole.
12:23 "	5000	2000 gallons of acid in hole.
12:31 "	3000	2000 gallons of acid in hole.
12:39 "	4000	4000 gallons of acid in hole between 3503' and 3495'.
1:17 "	1000	Ran in 30 gallons of filler, raised tubing and treated upper part between 3495' and 3465', with 3000 gallons of acid.
1:45 "	2500	4500 gallons of acid in hole.
1:50 "	3000	6000 gallons of acid in hole.
2:23 "	4500	7000 gallons of acid in hole, then started oil in to flush.

(See Reverse for Record of Formations)

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CONSERVATION DIVISION
Wichita, Kansas

After acid treatment left well shut in for four hours then opened and flowed 60 barrels of cut oil and acid water into pits in order to clean up hole.

On December 18th flowed through 2" tubing by gas lift 8 hrs on potential test, 203.20 barrels of oil and no water to establish 24 hour State Corporation Commission potential of 609.60 barrels. This potential allows 41 barrels per day for the remainder of December, 1940.

SLOPE TEST DATA

DEPTH	Angle (Degrees)	HORIZ.	VERT.
250'	1/2	2.2	
500'	1/2	2.2	
750'	1/2	2.2	
1000'	1/2	2.2	
1250'	1	4.4	.1
1500'	1 1/2	6.6	.1
1750'	1 1/2	6.6	.1
2000'	3 1/4	13.1	.4
2250'	2 1/4	8.7	.2
2500'	1 1/2	6.6	.1
2750'	2	8.7	.2
3000'	1 1/2	6.6	.1
3250'	1 1/2	6.6	.1
3500'	1	4.4	.1
Total deflections		81.1	1.5

CASING TALLY

8-5/8"OD	5-1/2"OD			
32 8	47 48	41 86	48 00	47 36
31 1	47 60	49 77	47 33	47 40
29 6	47 46	47 46	48 47	46 62
31 8	48 27	49 06	48 56	47 72
26 7	47 35	49 43	47 41	47 14
28 1	47 22	49 53	47 97	45 84
32 7	47 29	45 17	46 83	46 48
31 8	47 60	46 48	48 59	47 55
31 8	47 41	46 14	48 06	46 42
27 6	47 24	47 42	48 51	46 52
29 11	49 63	46 43	48 18	47 06
31 1	48 98	47 64	45 75	47 80
6	47 90	47 50	47 55	18 00
	50 08	43 51	49 21	27 50
	47 83	44 96	49 82	5 00
	47 85	47 74	46 57	
	42 18	48 57	47 70	
	47 55	47 31	46 11	
	47 18	47 42	47 42	
	49 75	49 04	46 93	

370'
Set 6' in cellar.

3465' 8"
Cased to DE.

RECEIVED
JAN 10 1941
STATE OF TEXAS
COMMISSIONER OF OIL
AND NATURAL GAS

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 Cunningham "B" Unit
 SEC. 25 T. 27S R. 11W
 BLOCK _____ SURVEY _____

WELL NO. 13 DISTRICT Platte
 COUNTY Pratt AFE NO. 22213
 STATE Kansas

TYPE OF WORK PLUG AND ABANDON WELL

Date commenced June 4, 1967 Date completed June 7, 1967
 Deepened from _____ to _____ Total Depth _____
 Plugged back from 3505' to Surface P.B.T.D. _____
 Cleaned out from _____ to _____
 Production before Shut Down bbls. oil _____ bbls. water _____ cu. ft. gas. _____
 Production after _____ bbls. oil _____ bbls. water _____ cu. ft. gas. _____
 Tools owned by: Knight Casing Pulling Co. Kind used: Plugging Unit No. days rig time; _____
 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. Sh'd. Casing	
Production					
Liner					Top liner;

SIZE	WT.	THDS.	KIND	COND	LEFT IN						PULLED OUT					
					Jts.	LTM		WTM		Jts.	LTM		WTM			
						Feet	In.	Feet	In.		Feet	In.	Feet	In.		
5-1/2"	14.7	10V	R3 NEW	C	36	1756	3	1764	4	38	1597	3	1605	5		
5-1/2"	14.7	10V	R3 NEW	D						2	95	4	95	9		

PRODUCING FROM

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

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

The well was Shut Down 9/14/60 when it became uneconomical to operate. As it is not needed in the waterflood program and there are no further zones to test, regular authority was granted to plug and abandon it.

On June 4, 1967, moved in and rigged up casing pulling unit of Knight Casing Pulling Company. Ran steel line measurement and found hole filled up to 3496'. Plugged the well as follows:

Sand 3496' to 3400'
 20 sacks of cement 3400' to 3260'

Shot 5 1/2" casing at 2488', 2261', 2068', 1883' and 1698'. Pulled 40 joints (1701') of 5 1/2" casing.

Mud 3260' to 300'
 Rock bridge 300' to 290'
 10 sacks of cement 290' to 265'

(Bailed through 8-5/8" casing 1 hour, 18 barrels of water; then bailed 1 hour, tested dry.)

10 sacks of cement 265' to 240'
 Mud 240' to 40'
 Rock bridge 40' to 30'
 10 sacks of cement 30' to Base of cellar
 Surface soil Collar to Surface

Plugged and abandoned June 7, 1967.