

SIDE TWO

Operator Name R P NIXON OPERATIONS Lease Name..... SCHMEIDLER C Well #..... 1
 NW NE NW
 Sec..... 10 Twp..... 13S Rge..... 16 ☐ East
☒ West County..... ELLIS

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☐ Yes ☒ No
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

Name Top Bottom

SEE ATTACHED GEOLOGICAL REPORT

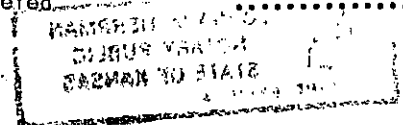
CASING RECORD ☒ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
SURFACE	12 1/4"	8 5/8"		200		135	60/40 pozmix
Production	7 7/8"	4 1/2"		3473'		125	2% gel 3% CaCl Surefill (
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	3452.5'-3454.5'			500 gals 15%			
2	3417'-19' 3370'-72' 3303'-05'			2000 gals 28% (all 3 zones)			
2	3253'-55' 3256'-58'			2000 gals 28% (both zones)			
2	3212'-14' 3185'-87'			1500 gals 28% (both zones)			
TUBING RECORD		Size	Set At	Packer at	Liner Run	☐ Yes ☐ No	
Date of First Production	Producing Method						
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☐ Perforation
☐ Sold ☐ Other (Specify)
☐ Used on Lease

☐ Dually Completed
☐ Conmingled



GEOLOGICAL REPORT

Dan A. Nixon 15.051.24500.00

PETROLEUM GEOLOGIST

WELL #1 LOCATION NW NE NW of Section 10, T13S-R16W Ellis County, Ks. LEASE Schmeidler C

Operator: R.P. Nixon Operations
207 West 12th Street
Hays, Kansas 67601

Contractor: Shields Drlg. Co.
Box 709
Russell. Ks. 67665

Elevation: American Elevations
Ground level: 1977'*
Rotary bushing: 1982'
All measurements are from
the rotary bushing.
*This ground level elevation is
relative to other wells' elevations
and not true sea level due to
discrepancies in the datum base.

Samples: Ten foot samples from 2900' to
3130' and five foot samples
from 3130' to 3475' RTD.

Time Log: One foot intervals from 2900'
to 3475' RTD. A copy of the
time log is included in this
report.

Surf. Casing: 8 5/8" @ 200' w/135 sx - 60/40 Pozmix
Prod. Casing: 4 1/2" @ 3473' w/125 sx Surefill
Port Collar: Set @ 1130'

Spud Date: 7-29-87
Comp. Date: 8-4-87

API #: 15-051-24,500
Lease #: 7755/1

STATE COMMISSION

NOV 12 1987

CONSERVATION DIVISION
Wichita, Kansas

15.051.24500.00

<u>FORMATION TOPS:</u>	<u>SAMPLE DEPTH</u>	<u>LOG DEPTH</u>	<u>MINUS DATUM</u>
Anhydrite top (driller's)	1102'	1104'	+878
Anhydrite base "	1147'	1144'	+838
Topeka	2942'	2944'	-962
Heebner Shale	3159'	3160'	-1178
Toronto Lime	3179'	3180'	-1198
Lansing	3207'	3209'	-1227
Base of the Kansas City	3443'	3444'	-1462
Arbuckle	3462'	3463'	-1481
Total Depth	3475'	3475'	-1493

SAMPLE ANALYSIS OF ZONES OF INTEREST: (corrected to the electric log)

Toronto	3174'-3178'	White, fine crystalline, cherty lime, vuggy in part with fair vuggy porosity, spotty and saturated stain. Had slight show of free oil and odor in wet samples. Calculated 9% porosity, 35% water. Test.
Lansing	3211'-3214'	Fine crystalline, sucrosic, white lime, poor intercrystalline porosity, spotty stain. Slight show of free oil and odor in wet samples. Calculated 8% porosity, 33% water. Test.
	3237'-3240'	Fine crystalline, white lime, vuggy with fair vuggy porosity, spotty stain with a trace of saturated stain. Good show of free oil and odor. Calculated 8% porosity, 30% water. Test.
	3251'-3255'	White, fine crystalline, vuggy lime, good vuggy porosity, spotty stain. Show of free oil and odor in wet samples. Calculated 16% porosity, 46% water. Test.
	3302'-3305'	Fine crystalline, white lime, slightly vuggy, occasionally oolitic and oolitic, spotty stain, poor vuggy porosity. Calculated 9% porosity, 27% water. Test.
	3346'-3350'	White, oolitic lime, barren, good oolitic porosity. Calculated wet on log. Not worthy of testing.
	3366'-3372'	Dense, fossiliferous, white lime, slight fossil porosity, spotty light stain. Slight show of free oil and odor in wet samples. Calculated 5% porosity, 27% water. Upper portion calculated wet. Should be considered for testing prior to abandoning well.

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	3416'-3420'	Fossiliferous, vuggy, white lime, spotty stain, good vuggy porosity. Had show of free oil and odor in wet samples. Calculated 6% porosity, 37% water. Test.
Pleasanton	3452'-3456'	White, fossiliferous lime, fair fossil porosity, rare spotty stain. Calculated 12% porosity, 40% water. Should be considered for testing prior to abandoning well.
Arbuckle	3463'-3475'	Barren, fine and medium crystalline, buff dolomite, sucrosic in part, poor intercrystalline porosity with scattered good intercrystalline porosity. No show of free oil or odor in wet samples. Not worth of testing.

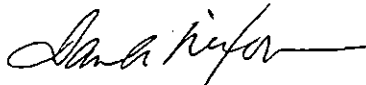
REMARKS:

Structurally, the Lansing top on the #1 Schmeidler C ran 1' high to the abandoned Lansing producer to the west one location, the #2 Witt (Rosencrantz-Bemis), and 10' low to the Lansing producer one location north, the #4 Froelich B (Bennett & Schulte).

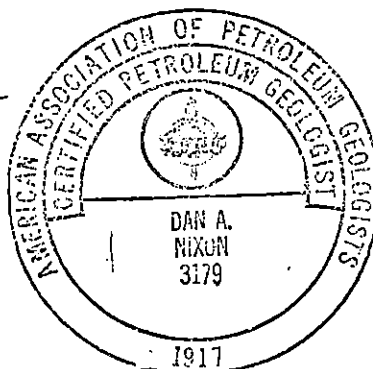
The Arbuckle top on the #1 Schmeidler C ran 1' low to the same #2 Witt to the west and 15' high to the same #4 Froelich B to the north.

Because of its favorable structural position to surrounding production, and shows throughout the Kansas City which calculate favorable on the electric log, 4 1/2" casing was cemented at 3473' for further testing.

Respectfully Submitted,



Dan A. Nixon, CPG #3179



15.051.24500.00.00

DRILLING TIME LOG

2900'-2950'	2-3-2-2-3 3-4-4-4-4	3-2-1-1-2 5-4-3-2-3	3-4-3-4-4 2-1-2-2-2	3-3-3-4-3 2-2-3-3-2	2-3-2-4-3 3-3-3-3-4
2950'-3000'	4-3-4-4-4 4-3-3-3-3	3-3-4-4-4 3-3-3-4-3	4-3-3-3-3 4-4-3-4-3	3-3-3-3-3 4-4-3-4-4	5-4-4-5-4 4-4-3-4-4
3000'-3050'	4-4-5-3-3 3-4-3-3-3	3-3-2-3-2 3-4-2-4-6	3-3-2-3-2 7-5-6-7-6	2-3-2-4-3 5-4-4-4-6	2-3-3-4-4 3-5-5-7-5
3050'-3100'	5-5-5-4-6 6-7-6-3-3	6-4-4-5-5 2-7-6-6-6	6-5-5-5-6 6-5-7-5-7	5-4-3-3-3 5-4-5-3-4	5-5-7-6-6 5-5-6-5-4
3100'-3150'	6-6-6-6-5 2-2-2-3-4	6-4-6-6-6 3-3-3-2-3	5-6-4-5-5 4-3-3-5-5	6-5-5-3-3 4-5-5-5-4	4-5-5-4-2 4-5-5-5-5
3150'-3200'	5-5-6-5-6 2-3-2-2-4	5-5-4-3-2 5-5-5-5-6	2-6-7-7-4 6-4-5-6-6	3-3-4-4-3 5-4-3-4-4	3-3-3-3-3 3-2-2-2-2
3200'-3250'	2-2-1-2-1 5-3-3-4-4	2-2-3-4-4 3-3-5-4-4	4-4-5-4-5 6-7-5-6-6	5-4-4-6-3 6-7-7-7-6	5-5-4-5-5 5-3-4-4-5
3250'-3300'	4-4-5-6-6 2-3-6-4-6	3-5-6-5-5 6-6-5-5-6	6-6-5-5-5 4-3-6-7-5	6-7-6-6-5 4-6-7-8-7	3-4-5-5-5 8-5-4-7-5
3300'-3350'	7-3-8-7-7 9-9-9-9-9	8-8-9-10-7 9-7-8-7-6	9-9-9-8-9 8-9-5-3-4	10-8-7-8-8 3-3-7-8-8	9-8-8-9-8 7-7-9-7-7
3350'-3400'	7-7-8-7-8 9-8-7-7-7	7-6-9-9-6 7-7-6-6-6	5-4-7-7-6 8-10-8-8-8	6-6-7-6-9 9-7-9-7-7	8-8-7-7-8 8-7-8-8-8
3400'-3450'	7-9-7-4-5 9-8-8-8-5	4-4-5-4-6 4-6-10-7-8	3-6-6-7-6 9-8-8-8-8	5-6-7-8-7 4-7-9-4-4	8-6-7-6-6 5-4-6-6-5
3450'-3475'	5-5-6-8-6 3475' RTD	8-2-2-4-3	4-5-6-5-6	5-6-4-4-3	4-3-3-3-4

15.051-24500.00.00

R. P. Nixon Operations

R. P. Nixon, Geologist & Oil Producer

207 West Twelfth

HAYS, KANSAS 67801

Phone: 913-628-3834

#1 SCHMEIDLER C DAILY DRILLING REPORT

API 15-051-24,500

LSE/WELL#7755/1

NW NE NW SEC. 10, T13S-R16W
ELLIS COUNTY, KANSAS

07-29-87 Moved in Shields Drilling Company Inc rotary tools and rigged up. Drilling surface hole. Set 200' of 8 5/8" surface casing at 200' with 135 sacks 60/40 Pozmix cement 2% gel, 3% c.c. Plug down at 6:30 p.m.

07-30-87 Started drilling at 6:30 a.m. Drilling ahead at 263' at 7:00 a.m. Drilling ahead at 796' at 9:45 a.m.

07-31-87 Anhydrite 1102'-1147'.
Drilling ahead at 2030' @ 7:00 a.m., 2094' @ 9:00 a.m.

08-01-87 Drilling ahead at 2638' at 9:00 a.m.

08-02-87 Drilling ahead at 3085' at 7:00 a.m.
Elevation: 1982' KB.
Formation Tops: Topeka 2942'

Heebner 3157'

Toronto 3179'

Lansing 3207' (-1225)

The Lansing top is 8' low to the producer one location north and 3' high to the abandoned producer one location west.

08-03-87 Drilling ahead at 3360' at 9:00 a.m.

08-04-87 Electric Log Tops: Topeka 2944'
Heebner 3160'
Toronto 3170'
Lansing 3209' (-1227)
Base KC 3444'
Arbuckle 3463' (-1481')
R T D 3475'
L T D 3475'

The well had 8 zones in the Kansas City with shows. The Toronto Lime also had a good show of oil and calculated on the Electric Log. The Arbuckle top is 1' low to the abandoned well one location west and 9' high to the producer one location north. The Arbuckle had a show of oil in the wet samples. Ran 4 1/2" production casing to 3473' and cemented with 125 sacks of surefill & 500 gals of mudsweep ahead of cement. Port Collar at 1130'. 15 sx of cement in rathole and 10 sacks in mouse hole. Plug down at 2:15 p.m. Float did hold. Geological and completion reports to follow.

*R. P. Nixon Operations***R. P. Nixon, Geologist & Oil Producer**

207 West Twelfth

HAYS, KANSAS 67601

Phone: 913-628-3834

#1 SCHMEIDLER C DAILY COMPLETION REPORT

API 15-051-24,500

LSE/Well#7755/1

NW NE NW SEC. 10, T13S-R16W
ELLIS COUNTY, KANSAS

- 08-24-87 Moved in Jay-Lan Corporation Rig 4 double drum and rigged up. Swabbed hole down. Drilling on cement and float collar with sand line drill. Ran Neutron Correlation log by L-K Wireline Inc. Perforated with 4 holes per foot from 3452.5' to 3454.5'. Let set overnight.
- 08-25-87 Swabbed 310' of fluid from hole. Acidized with 500 gals 15% INS acid and overflushed with 3 bbls of salt water. Swabbed hole down and had slight show of oil cut mud. Hole dried up. Rigged up to perforate with 3 hole, Limited Entry guns @ 3418', 3371' & 3304'. Ran retrievable bridge plug to 3424' and set. Acidized with 2000 gals of 28% Non-E acid and overflushed with 2000 gals of salt water. To let set overnight.
- 08-26-87 The I, J & K zones tested 2 bbls of fluid per hour @ 75% oil on a 2 hour test. Perforated the C & D zones @ 3254' & 3257' with 1 hole Limited Entry shots. Ran 2 3/8" tubing and Baker Loc-set Bridge Plug to 3275', set plug and laid out tubing. To acidize with 2000 gals of 28% Non-E acid and overflush with same amount of salt water. To let set overnight.
- 8-27-87 Fluid 1500' from surface. Recovered hole volume with good show of oil off bottom. Perfs tested 2 hrs @ 6 bbls per hour, 15% oil & 85% spent acid water. Perforated @ 3213' & 3186' with 1 hole Limited Entry guns. Ran 2 3/8" tubing with catcher & moved plug to 3225'. Swab hole down. 1st pull - 150' fluid, 70% oil. 2nd pull - 40' fluid with a good show of oil. Acidized with 1500 gals 28% Non-E acid and overflushed with same amount salt water. To let set overnight.
- 08-28-87 Fluid 2000' from surface. Had trouble with swab line brakes. Shut down for repairs (1/2 hour). Continued to swab hole down. Top 2 zones, together produced 5 bbls per hour @ 20% oil, 80% spent acid water. Ran 2 3/8" tubing with catcher to retrieve Loc-set plug. Swabbed all zones together after laying down tubing and Loc-set plug. Ran in hole for 1st test @ 4:40 p.m.. Fluid 2700' down from surface. Pulled 350' of fluid from hole. 40% oil and 60% spent acid water. To swab test 1/2 hour. To shoot out all 7 Limited Entry shots with a 2' gun loaded 2 per foot. To put on pump. Pump test to follow.

R. P. Nixon Operations

R. P. Nixon, Geologist & Oil Producer

207 West Twelfth

HAYS, KANSAS 67601

Phone: 913-628-3834

#1 SCHMEIDLER C DAILY COMPLETION REPORT

API 15-051-24,500

NW NE NW SEC. 10, T13S-R16W

LSE/WELL#7755/1

ELLIS COUNTY, KANSAS

08-31-87 Had 1000' fill up over weekend with 350' gaseous live oil on top. Swabbed hole down. On 3 1/2 hour test, all zones together produced 22 bbls total fluid with 22 - 30% oil. Balance of load was spent acid and flush water. Zones produced at an average of 6.5 bbls per hour. Couldn't retrieve full load on test, because of DV tool ripping up the swab cups. Ran 1 1/2" pump, 3/4" rods & 2" tubing. To put on pump. Pump test to follow.

BJ-TITAN SERVICES COMPANY

CUSTOMER COPY

DATE OF JOB
MM DD YY
11 24 87

SERVICES/MATERIAL CONTRACT

CONTRACT NO. 362691

DIRECT CORRESPONDENCE TO: PO. BOX 4442 HOUSTON, TX 77210
 NET 30 DAYS FROM DATE OF CONTRACT
 HOUSTON, TX 77216

ORDER NO. 240111

CUSTOMER INFORMATION

NAME: *R. P. Nelson Operations* NO. *1165*

ADDRESS: *207 W. 12th St.*

CITY: *Harris* STATE: *TX* ZIP CODE: *77601*

AUTHORIZED BY: *Paul Nelson*

DESCRIPTION OF WELL

WELL NO. *2036* OIL ☒ NEW ☐ STATE *TX* CODES *15*

LEASE NAME: *Schmidler* COUNTY/PARISH: *Ellis* 51

FIELD NAME: *Max* CITY: *Dean*

OWNER: *K. P. Nelson Operations* MTA DISTRICT: *366*

LEASE LINES: *2036 Max 2034 Dean*

SURVEY LINES: *2036 Max 2034 Dean*

SURVEY: *5-2 N 13 W Walker*

DIRECTIONS TO LOCATION: *5-2 N 13 W Walker*

SECTION, TOWNSHIP, RANGE: *70 13S 76*

QUADRANT: *13S 76*

JOB INFORMATION

ARRIVED: *2:00* RELEASED: *3:00*

HH MM A MM DD YY HH MM A MM DD YY
2:00 11 24 87 3:00 11 24 87

JOB CODE: *1165* TYPE OF JOB: *Plus to Abandon* API OR IC NO.: *15-051-24,500*

AVG. PSI: *300* BUSINESS CODE: *1165* INJ. RATE (BPM): *15* WORKING WELL DEPTH: *15*

DIST. NO. DISTRICT NAME SLSMAN NO.

3370 Harris

CONTRACT CONDITIONS

This contract must be signed before the job is started or merchandise delivered. The undersigned is authorized to execute this contract as an Agent of the Customer. As such, the undersigned acknowledges that this contract for services, materials, products and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional substitute terms and/or conditions shall become a part of this contract without the written consent of an Officer of BJ-TITAN SERVICES COMPANY.

SIGNED: *Paul Nelson* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE/BOOK REF. NO.	SERVICES/MATERIAL	QTY	QUANTITY	PRICE	EXTENSION
01 10169820	Pump Truck Chg.	1	1	350.00	350.00
02 10169005	Pump Truck Mileage (38)	19	19	41.80	41.80
03 10410504	Common Cement	Q	38	536.00	519.40
04 10415018	Pos. Mix	Q	52	361.00	135.72
05 10420145	Gel	5X	13	675.00	87.75
06 10427065	A-2	LB	261	00	261.00
07 10426525	Hills	5X	5	14.00	70.00
08 10940101	Mileage 7.4 Ton	T.M.	19	76.00	98.42
09 10880055	Handling & Dumping	5X	150	95.00	142.50
10	Sub Total				1706.59
11					
12					
13					
14					
15					
16					

SERVICE REPRESENTATIVE

Orlen Kerner

PR. BOOK

07

The above material and service ordered by the Customer and received by:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CON-

THIS IS NOT AN INVOICE. THIS CONTRACT IS SUBJECT

SB3014 (Rev. 4/85)

