

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 3080
Name: JACK EXPLORATION, INC.
Address: P.O. BOX 1279
City/State/Zip: SULPHUR, OK 73086
Purchaser: _____
Operator Contact Person: CLAYTON C. JACK
Phone: (580) 622-2310
Contractor: Name: DUKE DRILLING CO., INC.
License: 5929
Wellsite Geologist: MIKE POLLOK
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
10/30/2003 11/05/2003 11/06/2003
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 155-21468-00-00
County: RENO CO., KS
 N/2 - S/2 - SE Sec. 34 Twp. 26 S. R. 9 East West
990 feet from (S) / N (circle one) Line of Section
1320 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: BOCK Well #: 1-34
Field Name: WC
Producing Formation: _____
Elevation: Ground: 1680' Kelly Bushing: 1688'
Total Depth: 4275' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 238 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.
Drilling Fluid Management Plan All in 1-14-04
(Data must be collected from the Reserve Pit)
Chloride content 5000 ppm Fluid volume 260 bbls
Dewatering method used HAULED OFF & DEWATERING
Location of fluid disposal if hauled offsite: _____
Operator Name: OIL PRODUCERS INC. OF KANSAS
Lease Name: WATSON #2 License No.: 8061
Quarter SW Sec. 8 Twp. 29 S. R. 15 East West
County: PRATT Docket No.: D-24324

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: VICE-PRESIDENT Date: 12/15/2003
Subscribed and sworn to before me this 15th day of December, 2003
Notary Public: [Signature]
Date Commission Expires: 3/12/06
KELLY AARON
Murray County
Notary Public in and for
State of Oklahoma
Commission # 02003670 Expires 3/12/06

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: JACK EXPLORATION, INC. Lease Name: BOCK Well #: 1-34
 Sec. 34 Twp. 26 S. R. 9 East West County: RENO CO., KS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

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List All E. Logs Run:
Induction, Micron Resistivity

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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"	23#	238'	CLASS A	200	3%CC 2%GEL

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Operator OPIK Lease Watson #2 Location sw/4 8-295-15W County Pratt Docket # D-24324 Oper. # 806

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ORIGINAL
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15-155-21468-0000

GREAT PLAINS FLUID SERVICE, INC.

No 38875

RT - Box 22
 GREENSBURG, KS 67054
 Phone (620) 723-2267

Company Jack Exploration
 Lease Book
 Sec. _____ Twp. _____ Rge. _____ Co. _____
 Load Time _____ Unload Time _____
 Begin. Gauge _____ End. Gauge _____
 Destination Watson SWD

Date 11-9-03
 License No. _____
 Ebls. Hauled 130 Commodity Free H₂O
off Reserve Pit To
SWD
 Truck # 20 Driver RT

GREAT PLAINS FLUID SERVICE, INC.

No 33986

RT - Box 22
 GREENSBURG, KS 67054
 Phone (620) 723-2267

Company Jack Exploration
 Lease Book
 Sec. _____ Twp. _____ Rge. _____ Co. _____
 Load Time _____ Unload Time _____
 Begin. Gauge _____ End. Gauge _____
 Destination Watson SWD

Date 11-10-03
 License No. _____
 Ebls. Hauled 130 Commodity Free H₂O
off Reserve Pit To
SWD
 Truck # 20 Driver RT

Oil Producers Inc of Kansas License # 8061
 Watson # 2 SWD SW/4 8-295-15W Pratt Co., KS
 Docket # D-24324

2 loads
 260 bbls

ORIGINAL



MAP EXPLORATION, INC.

MICHAEL ANTHO

P.O. Box 106 ■ PURCELL, O
OFFICE 405/527-6038 ■ HOME 405/527-5200 ■ MOBILE 405/823-4493 ■ FAX
■ E-MAIL: r

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GEOLOGICAL REPORT

DEC 18 2003

EAST PENALOSA PROSPECT

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BOCK 1-34

34 - T26S - R9W

RENO COUNTY, KANSAS

SUMMARY

The captioned well was drilled to a total depth of 4,275 feet on November 5, 2003. A one-man mud-logging unit with gas detector was on location from 1,500 feet to total depth. The undersigned was on location from approximately 2,900 feet to TD. At total depth, Reeves electric logs were run that consisted of Dual Induction, Density-Neutron and Micro-log.

The Bock 1-34 was an exploratory idea primarily for the sands in an incised Douglas Sand Channel. The well seems to have been drilled on the north edge of the mapped incised channel. The Indian Cave Sandstone was a shallow stratigraphic secondary target that was developed but calculated "wet". The Mississippian Unconformity "chat" rocks were also considered a secondary target and were deemed non-productive. At the top of the Cherokee Shale, the Bock 1-34 was running slightly counter-regional, so we drilled to the Viola Limestone which proved also to be non-productive. After all data acquired had been analyzed, the decision was made to plug and abandon the Bock 1-34 as a dry hole.

INDIAN CAVE

The Indian Cave, a basal Permian-aged sand interval, was cut at 2,259 (-569) feet. It was described as a clear to transparent, very fine to fine grained sandstone, with good inter-granular porosity being observed. A slight gas increase was recorded from near the bottom of the zone, with no other shows being seen. This zone had porosities of 20%, but calculates "wet" and is non-productive.

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DOUGLAS SANDSTONE

The Douglas sand interval was topped at 3,244 (-1554) feet. Samples were described as a shaley siltstone, with little visible porosity being observed. No shows were recorded through the sand interval. Electric logs indicate we encountered overbank or flooding sands deposited outside the true incised channel. The incised channel Douglas Sandstone member was absent in the Bock1-34.

MISSISSIPPIAN "CHAT"

The Mississippian was drilled at 3,922 (-2232) feet. Samples were described as white to off-white, milky fresh and tripolitic chert with pin-point and vugular along with fine inter-crystalline porosities being observed. The gas chromatograph recorded an 140-unit gas kick through the top 14 feet of the "Chat" zone. A bright yellow gold fluorescence with excellent streaming cut and gas bubbles were observed. A good oil odor was also recorded. Electric logs indicated a 50-foot "chat" zone with the upper portion having 28% porosity. The top two feet might have produced slight quantities of hydrocarbons, but with such good reservoir rock below, one would produce too much water to be economic.

VIOLA LIMESTONE

The top of the Viola was cut at 4,194 (-2504) feet. A twelve foot drilling break was recorded with a 62-unit gas kick being recorded on the gas chromatograph. Samples were described as cream tan to light gray, very fine to fine crystalline dolomite, with some pinpoint and vugular porosity being observed. A trace of greenish yellow fluorescence with a slight cloudy cut was observed. Electric logs indicate a sixteen-foot zone of 10% porosity that calculates "wet".

ELECTRIC LOG TOPS

	JACK BOCK 1-34 34-T26S-R9W S/2 SE/4	BROWN OAKS A-1 4-T27S-R9W C SE SW	BROWN OAK 1 4-T27S-R9W SW NE
CHASE (subsea)	1474 (+216)	1502 (+212)	1498 (+202)
TOP PENN. (subsea)	2289 (-599)	2326 (-611)	2314 (-614)
BASE HEEBNER (subsea)	3212 (-1522)	3222 (-1507)	3230 (-1530)

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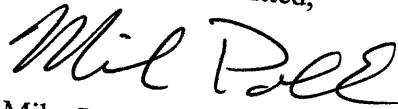
DOUGLAS SAND (subsea)	3244 (-1554)	3284 (-1569)	3290 (-1590)
LANSING (subsea)	3392 (-1702)	3430 (-1715)	3414 (-1714)
STARK SHALE (subsea)	3676 (-1986)	3716 (-2001)	3700 (-2000)
CHEROKEE SH. (subsea)	3895 (-2205)	3936 (-2221)	3917 (-2217)
MISS CHAT (subsea)	3922 (-2232)	3909 (-2194)	3943 (-2243)
VIOLA LIME (subsea)	4194 (-2504)	4220 (-2505)	4208 (-2508)

CONCLUSION

The Bock 1-34 was drilled as an exploratory test for incised Douglas Channel Sands. From data gathered the Bock 1-34 was drilled too far north and is very slightly out of the incised channel. As of now, our acreage position does not seem to be fully evaluated, and another test well might be needed to test the Douglas Sand potential to the south. All other secondary zones seem to have been condemned in the Bock 1-34.

After all data was gathered, recorded and analyzed, the decision was made to plug and abandon the Bock 1-34 as a dry hole.

Respectfully submitted,



Mike Pollok
Petroleum Geologist
11/14/03

15 - 155 - 21468 - 0000

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# [REDACTED]

ORIGINAL

15271

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Hat, C.D.C.

DATE <u>11-5-03</u>	SEC. <u>34</u>	TWP. <u>26S</u>	RANGE <u>09W</u>	CALLED OUT <u>5:00 P.M.</u>	ON LOCATION <u>8:30 P.M.</u>	JOB START <u>11:30 P.M.</u>	JOB FINISH
LEASE <u>ROCK</u>	WELL # <u>1-34</u>	LOCATION <u>Penolosa Ks,</u>	COUNTY <u>Reno</u>	STATE <u>Ks</u>			
OLD OR <u>NEW</u> (Circle one)		<u>IN 2E MINTO</u>					

CONTRACTOR Duke #2
 TYPE OF JOB Plug
 HOLE SIZE 7 7/8 T.D. 1350
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1350
 TOOL _____ DEPTH _____
 PRES. MAX 200 PSI MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT Fresh Water & Mud

OWNER Jack Exploration
 CEMENT AMOUNT ORDERED 150 sk 60:40:4

EQUIPMENT
 PUMP TRUCK CEMENTER David W.
 # 302 HELPER Dwayne W.
 BULK TRUCK
 # 353 DRIVER Darin F.
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>90 A</u>	@	<u>7.15</u>	<u>643.50</u>
POZMIX	<u>60</u>	@	<u>3.80</u>	<u>228.00</u>
GEL	<u>5</u>	@	<u>10.00</u>	<u>50.00</u>
CHLORIDE		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>155</u>	@	<u>1.15</u>	<u>178.25</u>
MILEAGE	<u>30 x 155 x .05</u>			<u>232.50</u>

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TOTAL 1332.25

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REMARKS:

1st Plug at 1350 FT pump
9 BBLs #2 Mix 5 1/2 BBLs Cement
Displace w/ 3 BBLs #3 & 10 BBLs Mud
2nd Plug 200 FT pump 9 BBLs #2
Mix 5 1/2 BBLs Cement Displace w/ 2
BBLs 3rd Plug 290 FT Mix 5 1/2 BBLs
Cement Displace w/ 1 BBLs #3
25 SK 60 FT Plug Ret & Mouse w/
25 SK Wash up Rig Down.

DEPTH OF JOB	<u>1350</u>			
PUMP TRUCK CHARGE	<u>0-?</u>			<u>520.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>30</u>	@	<u>3.50</u>	<u>105.00</u>
PLUG <u>Dry Hole</u>		@	<u>23.00</u>	<u>23.00</u>
		@		
		@		

TOTAL 648.00

CHARGE TO: Jack Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE [REDACTED]
 DISCOUNT [REDACTED] IF PAID IN 30 DAYS

SIGNATURE Alon Watson

PRINTED NAME

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING