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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

32433

Operator: License # _____
Name: ONSHORE LLC
Address: 200 E First, suite 301
City/State/Zip: Wichita KS 67202
Purchaser: _____
Operator Contact Person: John M Kelley
Phone: (316) 262 3413
Contractor: Name: _____
License: _____
Wellsite Geologist: M Bradford Rine

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Designate Type of Completion:
_____ New Well _____ Re-Entry X Workover
_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.
X Gas _____ ENHR _____ SIGW
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: ONSHORE LLC
Well Name: SWINGLE-B #1
Original Comp. Date: 10/26/1972 Original Total Depth: 4328.5'
X 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. _____

6/3/04	6/9/04	6/9/04
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 095-20283 0001
County: Kingman , kansas
SE - NW - SE Sec. 16 Twp. 30 S. R. 9W ☐ East ☒ West
1650 feet from (S) N (circle one) Line of Section
1650 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: SWINGLE B Well #: 1
Field Name: Spivey-Grabs
Producing Formation: Miss
Elevation: Ground: 1688' Kelly Bushing: 1693'
Total Depth: 4344 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 259' 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.
ALT I WHM 3-13-07

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) -none-
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West
County: _____ Docket No.: _____

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: _____
John M Kelley
Title: OWNER - MANAGER Date: 7-22-04

Subscribed and sworn to before me this 22nd day of July, 2004.

Notary Public: Lana J. McLain
LANA J. MCLAIN
Date Commission Expires: 10-24-06

LANA J. McLAIN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. _____

KCC Office Use ONLY
_____ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
_____ Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution

✓

Side Two

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

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)

List All E. Logs Run:

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

Name Top Datum

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	# Sacjs Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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
	open hole	none	

TUBING RECORD Size 2-3/8 Set At 4344.41 KB Packer At ----- Liner Run ☐ Yes ☐ No

Date of First, Resumerd Production, SWD or Enhr. 6/30/04 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	-0-	25mcf	37 bbls -0-		

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, Sumit ACO-18.)

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other *(Specify)* _____

M. Bradford Rine *Geologist and Petroleum Consultant*
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e-mail: rineo@prodigy.net

June 10, 2004

RECEIVED
JUL 16 2004
KCC WICHITA

RE: OWWO (Deepening)
Swingle "B" #1
Kingman County, Kansas

Onshore, LLC
200 East First, Suite 301
Wichita, Kansas 67202

Dear Mr. John M. Kelley,

At your request, I provided wellsite geological supervision on the above referenced well, with the purpose of observing, describing, and commenting on the drill cuttings as this well was deepened. The well was deepened through the bottom of 51/2-inch production casing with the proposed goal to drill with cable tools approximately 30-40 feet, in order to penetrate and produce the oil portion of the Mississippian Osage Chert Formation present in the adjacent wells.

Several minor depth discrepancies were noted relating to original rotary total depth, cased hole depth, and wireline depth during the workover. However, following our tubing tally on June 09, 2004, depths were corrected and can be reconciled with earlier depths noted.

In summary, our activities included the following: pull tubing and test tubing, wash to bottom 10-feet of frac sand, etc. "fill," drill 241/2-feet of new hole, hit obstruction on bit run 4-feet above deepest penetration, knocked down obstruction 2+-feet, made no further progress, ran tubing back in and prepare to test. I was not on location for any additional activities after June 09, 2004.

The subsequent "log" describes the activities I observed, as well as the geological descriptions of the drill cuttings recovered during drilling. It should be noted that due to the cable tool drilling, as well as the problems encountered downhole with the obstruction, that on a majority of the bailer recoveries the samples were ground up very fine, or absent, and therefore, of little value.

Conclusion: *This conclusion is meant to encapsulate thoughts based on the "log" that is attached to this report cover letter. It is believed that 24½ feet of Mississippian Osage Chert was drilled in the deepening of the Swingle "B" #1. The earlier chert penetrated was nearly all "fresh." In the middle portion some slightly "weathered" to slightly tripolitic porosity was noted in the drill cuttings. Shows of oil and gas were observed in the porous pieces, though most of the samples observed were fresh in nature. No hydrocarbon odors were ever detected. Unfortunately, much of the cuttings became very fine preventing a more definitive evaluation and analysis. At this time it is possible that the oil portion of the reservoir produced in adjacent wells has not been penetrated. Drilling was prematurely halted, due to an obstruction encountered tripping back in the hole after a bailing run. It was estimated (according to drilling line measurements used at the time) that the obstruction was four feet off of the bottom of the hole. At this time the source of the obstruction, or what the obstruction may be, is undetermined. An impression block may identify the obstruction. The only notes I found in your old well files, indicated that several buttons off of bit cones were missing when the bit was pulled at the end of rotary drilling in 1972. A subsequent tubing tally positions the obstruction at 4344.41 feet KB. Since "formation" water with no oil was constantly recovered during bailing it was decided to run tubing for further testing. If the operator is not satisfied with the current production status then one should consider either frac'ing the well, or identifying the obstruction to determine if it is removable to further deepen the well. It may also be advisable to review geology and test information in order to determine if this well was deepened into, or close to, the oil producing portion of the reservoir.*

Respectfully submitted,

M. Bradford Rine

M. Bradford Rine, License #204
Geologist and Petroleum Consultant

OWWO (Deepening)
Onshore, LLC
Swingle "B" #1
Section 16-T30S-R09W
Kingman County, Kansas

KB:	1693 feet	T/Mississippian:	4306 feet (cased hole log)
Original Completion:	July 21, 1972		
Location:	SE-NW-SE		
Original RTD:	4328 feet	Perforations:	4308-4311 & 4318
Surface Casing:	85/8" at 253 feet		
Production Casing:	51/2" at 4328 feet	Original Completion:	drilled out cement down to 4326 feet

Geological and Activity Log
(June 03, 2004 – June 09, 2004)

06-03-04:
(all depths prior to tubing tally on June 9th depths based on (Mobile Drilling Company) cable tool rig operator wireline depths and reference to KB)

Depth:	Drilling Duration:	Penetration Rate:
4310-4320 (10 ft)	10 minutes	1 min/ft

Washed down casing fill.

Bailer:
2 runs

Recovered frac sand with minor amounts of casing scale and misc, along with soapy gray salt water and debris

Depth:	Drilling Duration:	Penetration Rate:
4320-4322 (2 ft)	120 min.	60 min/ft

Drilling cement, shoe, and formation?

Bailer:
2 runs

Recovered mostly fresh white Mississippian Chert, with only very minor amount of frac sand, metal debris, along with soapy gray salt water No cement was observed. Determined that this 2-feet penetrated mostly newly drilled formation.

Depth:	Drilling Duration:	Penetration Rate:
4322-43241/2 (21/2 ft)	90 min.	36 min/ft

Drilling formation as well is deepened.

Bailer:
1 run

Recovered fresh white chert and soapy gray salt water.

[Feet drilled today: 41/2' Total Feet Penetrated: 41/2']
Shut well in overnight. TD 43241/2'

06-04-04:

600 feet of fluid hole, casing pressure 60 psi.

Bailer:
2 runs

Recovered soapy gray salt water, no show of oil.

Depth:	Drilling Duration:	Penetration Rate:
43241/2-4327 (2.5 ft)	160 min.	64 min/ft

Drilling Formation.

Bailer:
2 runs

Recovered mostly fresh chert with minor percentage of slightly weathered chert with show of brown to dark oil in weathered porosity and soapy gray salt water. No odor.

Depth:	Drilling Duration:	Penetration Rate:
4327-4331 (4 ft)	130 min.	32 min/ft

Drilling Formation.

Bailer:
2 runs

Recovered mostly fresh white chert along with minor amount of vuggy and slightly devitrified and slightly weathered chert and soapy gray salt water. Weathered chert contained stain of dark heavy oil. No stain in vugs. No odor in samples.

Depth:	Drilling Duration:	Penetration Rate:
4331-43331/2 (21/2 ft)	90 min.	36 min/ft

Drilling Formation.

Bailer:
1 run

Recovered mostly fresh chert with better weathered to tripolitic fragments than above and soapy gray salt water. Porous chert was gassy and contained shows of brown to dark brown oil. No odor.

[Feet drilled today: 9' Total Feet Penetrated: 131/2 ']
Shut well in over weekend. TD: 43331/2'

06-07094:

600 feet fluid in hole. Casing pressure 50 psi?

Bailer:
2 runs

Recovered soapy gray salt water and minor amount of cuttings.

Depth:	Drilling Duration:	Penetration Rate:
43331/2-43361/2 (3 ft)	160 min.	53 min/ft

Drilling Formation.

Bailer:
2 runs

Recovered mostly fresh white chert with some cream, tan, purple/brown chert. Cuttings were very fine and becoming difficult to evaluate. Some white chert had slightly weathered to slightly tripolitic porosity with brown stain. No odor. Fluid was soapy gray salt water, no oil.

Depth:	Drilling Duration:	Penetration Rate:
43361/2-43381/2 (2 ft)	70 min.	35 min/ft

Drilling Formation.

Bailer:
2 runs

Recovered mostly fresh white chert. Cuttings were very fine and descriptions becoming of little value. No odor. Fluid was soapy gray salt water. No show of oil.

Depth:	Drilling Duration:	Penetration Rate:
43381/2-43411/2 (3 ft)	110 min.	29 min/ft

Drilling Formation.

Bailer:
2 runs

Recovered soapy gray salt water with no oil, and after bucket settles a whitish gray silt can be scraped off of bottom of bucket. Upon washing the cuttings are silt size fragments of which no observations can be determined. No odor.

[Feet drilled today: 8' Total Feet Penetrated: 211/2']
Shut well in overnight. TD: 43411/2'

06-08-04:

50 feet of fluid in hole, 20 psi on casing.

Bailer:
2 runs

Recovered soapy gray salt water with no show of oil. There was a very minor amount of silt size cuttings in hole.

Depth:	Drilling Duration:	Penetration Rate:
43411/2-43441/2 (3 ft)	105 min.	35 min/ft

Drilling Formation.

(Bit was stuck on bottom as drilling attempted to pull bit. After "jarring" and "working" for 15 minutes bit came loose and was pulled.)

Bailer:
2 runs

Recovered soapy very gray salt water with no oil, and very minor amount of silt size cuttings that were of no value as far as being able to describe.

(On trip back in hole with the bit, hit an "obstruction" 4 feet off of the bottom of the hole, at 43401/2'. Note: Total tool length of bit and jar assembly is 42.70 ft.)

Depth:	Drilling Duration:	Penetration Rate:
43401/2-43421/2 (2 ft)	90 min. +/-	45 min/ft

Either drilled up 2-feet of the obstruction or knocked it farther down the hole by 2 feet.

Bailer:
2 runs

Recovered soapy darker gray salt water and very little silt size cuttings or fragments with a trace of casing scale and silty metal particles. However, recovered material too fine to describe accurately. Visit with operator received permission to continue attempt to drill up obstruction. It is not known what obstruction is. Considered formation "slough," foreign tool in hole, or cement chunk, or casing shoe.

Depth:	Drilling Duration:	Penetration Rate:
43421/2-4343 (1/2 ft)	135 min.	270 min/ft

Drilling on obstruction or knocking down hole.

Bailer:
2 runs

Recovered soapy very gray salt water with trace of silt. No oil.

[Feet drilled today: 3 feet total feet penetrated 241/2 ft]
Shut well in overnight. TD 43441/2 ft, presently on obstruction at 4343 ft.

06-09-04:

300 feet of fluid in hole and 23 psi on casing.

Bailer:
2 runs

Recovered soapy gray salt water with very little scum of silt size cuttings and unrecognizable material.

Depth:	Drilling Duration:	Penetration Rate:
4343	150 min.	no progress

Pulled bit. Bit had several tooth size nicks on point of bit. It was the decision of the operator to run tubing in hole with careful tally, to prepare to further test the well through tubing. Several joints were replaced on original tubing string. Tubing string run in hole, as follows:

Total Depth to obstruction (tubing tally):	4344.41 ft. KB
2 3/8"Tbg Subs (4 jts: 10', 8', 4', 4'):	24.00 ft. KB (2 ft of first sub above head)
2 3/8" Tubing (141 jts, tally 4294.39'):	4318.39 ft. KB
S.N. (1 ft):	4319.39 ft. KB
Mud Anchor (25.02 ft slotted-closed end):	4344.41 ft. KB