

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 32,322
Name: Denis Roberts Oil
Address: 3904 Fairway Dr.
Hays, Ks. 67601
City/State/Zip Hays, Ks. 67601
Purchaser: NCRA
Operator Contact Person: Denis Roberts
Phone (785) 625-8526
Contractor: Name: _____
License: _____
Wellsite Geologist: _____
Designate Type of Completion
____ New Well ____ Re-Entry XX Workover
XX Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator: Denis Roberts Oil
Well Name: Hansen #2
Comp. Date 11-18-99 Old Total Depth 4555'
____ Deepening XX Re-perf. ____ Conv. to Inj/SWD
____ Plug Back ____ PSTD
XX Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Inj?) Docket No. _____
1-21-01 1-31-01
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21,772-0001 ORIGINAL
County Lane
Ap. E 1/2 - W 1/2 - NE Sec. 23 Twp. 19S Rge. 29 XX
3960 Feet from S (circle one) Line of Section
1650 Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Hansen Well # 2
Field Name Paris Ext
Producing Formation New LKc "H"
Elevation: Ground 2822' KB 2830'
Total Depth 4555' PSTD _____
Amount of Surface Pipe Set and Cemented at 216' Feet
Multiple Stage Cementing Collar Used? XX Yes ____ No ____
If yes, show depth set 2157' Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.
Drilling Fluid Management Plan Art II W/WM 10-13-06
(Data must be collected from the Reserve Pit)
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 Rng. _____ E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Randall Kilian
Title Well-site geologist Date 2-12-01
Subscribed and sworn to before me this 12 day of Feb.
2001
Notary Public D. Loree Myers
Date Commission Expires 12-9-04

DOLORES MYERS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 12-9-04

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
KANSAS CO Geologist Report Received
Distribution
KAN 1 2001
KGS Plug NGPA
Other
(Specify)
CONSERVATION DIVISION

Operator Name Denis Roberts Oil

Lease Name Hansen

Well # 2

Sec. 23 Twp. 19 Rge. 29

East
 West
 West

County Lane

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
(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 | # Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| <u>SURFACE</u> | | <u>8.125</u> | | <u>216</u> | | | |
| | | | | | | | |
| | | | | | | | |

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 |
|----------------------|--|--|
| | <u>New Perfs</u> | |
| <u>4197-4201'</u> | <u>perf 4197-4201'</u> | <u>500 gal; 1000 gal acid</u> |
| <u>LKc. "H" zone</u> | <u>1-29-01</u> | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---------------|------|--------|-----------|--|
| | | | | |

| Date of First, Resumed Production, SWD or Inj. | Producing Method |
|--|---|
| <u>1-31-01</u> | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |

| Estimated Production Per 24 Hours | Oil Bbls. BO/D | Gas Mcf | Water Bbls. BW/D | Gas-Oil Ratio | Gravity |
|-----------------------------------|----------------|---------|------------------|---------------|---------|
| | <u>57</u> | | <u>30</u> | | |

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 4197-4201'

ORIGINAL

LARSON ENGINEERING, INC.
CONSULTING PETROLEUM ENGINEERS
562 WEST HIGHWAY 4
OLMITZ, KS 67564-8561

RECEIVED

DEC 07 2001

KCC WICHITA

(316) 653-7368
 (316) 653-7635 FAX

DENIS ROBERTS OIL
 Hansen #2

30' S & 70' E of E/2 W/2 NE Sec. 23-19WS-29W
 Lane Co., Kansas

755-625-8408

2822' GL
 2830' KB

Workover report – perf L-KC “H” and commingle w/ Altamont & L-KC “I”

01-27-01 MI Fritzier Trucking swab tank. SDFWE.

01-29-01 MIRU Wild West Well Svc DD. TOH w/ rods, pump & tbg. Mud anchor was eaten up. RU Log-Tech. Perf L-KC “H” 4197-4201’ (4’), 4” expendable HSC, 36g Titan charges, 4 jspf, PBD 4483’, FL @ 4370’. MI Walker Tank Svc & dumped 10 bbl SW to shoot gun. TIH w/ tbg, B&B Oil Tool pkr & RBP. Set RBP @ 4225’ & pkr @ 4168’ to straddle L-KC “H”. Swabbed tbg dry. SI 30 min – had 140’ FU, 99% oil. SDFN.

01-30-01 ONFU 2470’, 99% oil. Swabbed down – rec 16.28 bbl, 99% oil. SI ½ hr – rec 3.34 bbl, 99% oil. RU Swift Services. Ac L-KC “H” 4197-4201’ w/ 500 gal heated 15% MCA. Spotted acid @ 4207’. Loaded tbg @ 200#. Let soak – took acid on ~1/3 bpm vac. Total load 31 bbl, 12 bbl acid & 19 bbl 2% clafix wtr. Swabbed as follows:

| time | fluid bbl | cum fluid bbl | oil cut % | comments |
|----------|--------------|---------------------|-----------------|-----------------------------|
| 10:30 am | | | | start swab, FL @ 260’ |
| 11:00 | 28.80 | 28.80 | 99 | swab down, strong acid blow |
| 12:00 | 11.69 | 40.49 | 99 | 2 pulls, CGO |
| 1:00 | 7.52 | 48.01 | 99 | 2 pulls, CGO, changed cups |
| 2:00 | 9.61 | 57.62 | 99 | 2 pulls, CGO |

Rec 58 bbl of 31 bbl load. Very windy w/ blowing snow. SDFN.

01-31-01 ONFU 2270’, 99% oil. Swabbed tbg down – rec 15.03 bbl, 99% oil. SI ½ hr – rec 5.85 bbl, 99% oil. RU Swift Services. Ac L-KC “H” w/ 1000 gal heated 15% NE w/ 6 gal morflo. Treated ¾ bpm on vac. Max press vac, avg press vac, max rate ¾ bpm, avg rate ¾ bpm, ISIP vac. Total load 45.5 bbl, 24 bbl acid & 21.5 bbl 2% clafix wtr. Swabbed tbg down – rec 22.55 bbl, 70% oil. Swabbed 1 hr – rec 26.72 bbl, 99% oil on last pull. Rec 47.27 bbl of 45.5 bbl load. TOH w/ tbg, pkr & RBP. Ran sand pump – CO ~9’ mud & iron sulfide. TIH w/ tbg as follows:

ORIGINAL

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Page 2 of 2

| | | | |
|---------------------------|----------|-------|----------|
| new 2-7/8" top slotted MA | 15.20' | set @ | 4460.70' |
| 2-7/8"x 2-1/4" 8rd SN | 1.10' | | 4445.50' |
| 142 jts 2-7/8" tbg | 4438.40' | | 4444.40' |
| | ----- | | |
| zero adj (8' KB) | 4454.70' | | |
| | 6.00' | | |
| | ----- | | |
| | 4460.70' | | |

Spaced tbg ~25' off bottom. RU to run rods. SDFN.

02-01-01 TIH w/ rods & pump as follows:

- 1-1/4"x 6' gas anchor
- 2-1/2"x 2"x 14' RWT SV precision pump, max stroke 100"
- 2-1/2" hard faced rod guide
- 3/4"x 2' pony rod
- 177 - 3/4"x 25' sucker rods
- 3/4"x 6' pony rod
- 1-1/4"x 16' PR w/ 1-1/4"x 1-1/2"x 8' PRL

Long stroked - good pump action. Hung on & spaced out. RDMO DD.

| | | | | | |
|-------------------|---------------|------|----------|------------|---|
| Post-it* Fax Note | 7671 | Date | 11-20-01 | # of pages | 2 |
| To | RANDY KILLIAN | | From | TOM LARSON | |
| Co./Dept. | | | Co. | | |
| Phone # | | | Phone # | | |
| Fax # | | | Fax # | | |