KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| Name: Mal oil Operations, Inc. Address 1: P.O. Box 33 Address 2: P.O. Box 35 Contact Person: Allan Bangart Phone: (785) 483-2169 CONTRACTOR: License # 33350 Name: Southwind Drilling, Inc. Weilstie Geologist Kitt Noah Purchaser: NGRA Designate Type of Completion: A New Well A New Well A New Well Condition of Section Corner: A New Well A New Well A New Well Condition of Section Corner: A New Well A New Well Condition of Section Corner: A New Well Condition of Corner of Corner of Section Corner: A New Well Condition of Corner of Corner of Section Corner: A New Well A New Well Condition of Corner of Corner of Corner of Section Corner: A New Well Condition of Section Corner of Co | OPERATOR: License # 5259 | API No. 15 - 009-25344-0000 | -%) |
|--|--|---|---|
| Address 1: P.O. Box 33 Address 2: City. Russell State: Ks. Zip: 67665 + | | | La |
| Address 2: City: Russell State: Ks. Zip: 87665 + Contact Person: Allen.Bargart Phone: (785) 483-2189 CONTRACTOR. License #: 33350 Normar: Suddivind Drilling. Inc. Weitsite Geologist Kitt Noah Purchaser: NCRA Designate Tipe of Completion: Viver in SVD SIOW Gas Sehrity Warkover V New Well Re-Entry Warkover V New Well Re-Entry Warkover V New Well Re-Entry Warkover V Normar Suddivind Drilling. Inc. Seginate Tipe of Completion: Total Depth: 3829 Plug Back Total Depth: 3802 Amount of Surface Pipe State and Camented at: 1028 Feet If Alternate II completion. Cement of cloulated from: September Side Multipostage Cementing Colar Used? Yes No II yes, show depth hat: Depth Samper Multipostage Cementing Colar Used? Yes No II yes, show depth hat: Depth Samper Multipostage Cementing Colar Used? Yes No II yes, show depth hat: Depth Samper Multipostage Cementing Colar Used? Yes No II yes, show depth hat: Despiring Re-perf Corn, Vos Entr. Corn, vos SND Plug Back: Original Total Depth: Committed Completion Docket No: Dual Completion Docket No: Despiring Reperf Corn vos Ino. More (SWO or Entr.) Docket No: Dual Completion Docket No: Docket No: Docket No: Docket | | 1 .7- | Fast 7 West |
| Contact Person: Allan Bangert Phone: (285) 483-2169 CONTRACTOR: License # 33350 Name: Southwind Drilling, Inc. Wellsite Geologist Kitt Noah Purchaser: NCRA Purchaser: NCRA Designate Type of Completion: V Now Well Gas ENHR SIGW CM (Ceal Bod Mehane) Tenp, Abd. Dry Other (Corn, WSW. Epd, Cashodic, etc.) If Workover/Re-entry: Old Well Info as follows: Original Comp. Date: Original Total Depth: 3692 Despening Re-perf. Conv. to Einhr. Conv. to SWD Pug Back. Plug Back. Plug Back Docket No. Original Comp. Date: Original Total Depth: 3692 Docket No. Ober (Wor or Env.) Original Comp. Date: Original Total Depth: 3692 Docket No. Ober (Wor or Env.) Original Comp. Date: Original Total Depth: 3692 Docket No. Ober (Wor or Env.) Original Comp. Date: Original Total Depth: 3692 Docket No. Operator Name: Uccameninged Docket No. Operator Name: Uccamening of Sup. 2-116 and sec. Operator Name: Uccamening of Sup. 2-116 and sec. Operator Name: Uccamening of Sup. 3-16 and se | | | |
| Contact Person: Allen Bangert Phone: (785) 483-2169 CONTRACTOR: License # 33350 Neare: Southwind Drilling, Inc. Welste Geologist Kitt Noah Purchaser: NGRA Porducing Formation: Lansing Elevation: Grount: 1985 Kelly Bushing: 2003' Total Depth: 3829 Plug Back Total Depth: 3602' Amount of Surface Pipe Set and Cemented at: 1029' Feet Multiple Stage Cementing Collar Used? Yes [No Multiple Stage Cementing Cementing Collar Used? Yes [No Multiple Stage Cementing Collar Used? Yes [No Multiple Stage Cementing Collar Used? Yes [No Multiple Stage Cementing | | | |
| Phone: (185) 483-2169 CONTRACTOR. License #: 333550 Name: Southwided Drilling, Inc, Purchaser: NCRA Designate Type of Completion: | | ļ | mo or occion |
| County_Barton Name: Southwind Drilling_Inc. Weitstle Geologist. Kitt Noah Purchaser: NCRA Designate Type of Completion: V New Well Re-Entry Wickover V Oil SWD SIOW Gas ENHE SIGW CM (Coat Bed Mahawe) — Temp. Abd. Dry Other (Coss, WSW, Expl., Cahadic, etc.) If WorkoverRe-entry: Oid Well Info as follows: Orgenator: Well Name: Orgenator: Despening Re-pert Conv. to Enhr. Despening Re-pert Conv. to Enhr. Plug Back Tolal Depth: Commingled Docket No.: Date Completion Docket No.: Dother (SWO or Enhr.?) Ogerator: Date Reached TD Conv. to Enhr. Plug Back Tolal Depth: Commingled Docket No.: Dother (SWO or Enhr.?) Docket No.: Ogerator: Date Reached TD Conv. to Enhr. Plug Back Tolal Depth: Commingled Docket No.: Dother (SWO or Enhr.?) Docket No.: Dost Reached TD Conv. to Enhr. Docket No.: | 705 400 0400 | | |
| Name: Southwind Drilling Inc. Wellate Geologist: Kitt Noeh Purchaser: NCRA Amount of Surface Pipe Sat and Cemented at: 1028' Feet Multiple Stage Cementing Colar Used? Ves Q No. If Workover/Re-entry: Oid Well Info as follows: Pugl Sad: Despering No. Port. (Conv. No. W. Expl., Cathodic, etc.) Pugl Back: Pugl Back Tolal Depth: No. Despering Ro-pert. Conv. to Enthr. Conv. to SWD Plug Back: Plug Back Tolal Depth: No. Despering No. Port. (Conv. to Enthr. Conv. to SWD Plug Back: Plug Back Tolal Depth: No. Despering No. Port. (Conv. to Enthr. Conv. to SWD Plug Back: Plug Back Tolal Depth: No. Despering No. Port. (Conv. to Enthr. Conv. to SWD Plug Back: Plug Back Tolal Depth: No. Despering No. Port. (Conv. to Enthr. Conv. to SWD Plug Back: Plug Back Tolal Depth: No. Despering No. Port. (Conv. to Enthr. Conv. to SWD Plug Back: Plug Back Tolal Depth: No. Despering No. Port. (Conv. to Enthr. Conv. to Enthr. Conv. to SWD Plug Back: Plug Back Tolal Depth: No. Despering Ro-pert. Conv. to Enthr. Conv. | • | | |
| Field Name: Wildcat | | | |
| Producing Formation: Lansing Producing Formation: Lansing | _ | | *************************************** |
| Designate Type of Completion: V New Well Re-Entry | • | | |
| New Well Re-Entry Workover Total Depth: 3628' Plug Back Total Depth: 3602' Recently SIGW Si | | · · | |
| Amount of Surface Pipe Set and Cemented at: 1029' Feet Gas | _ | 1 | |
| ## CM (Coel Bade Maltanan) | | 1 | East |
| CM (Coal Bed Methane) Temp. Abd. Dry Other (Core, WSW, Expl., Cethodic, etc.) If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Original Total Depth: Depending Re-perf. Conv. to Enthr. Conv. to SWD Plug Back: Plug Back: Plug Back Total Depth: Commingled Docket No: O9/18/2009 O9/18/2009 O9/18/2009 O9/18/2009 O9/18/2009 O9/18/2009 Osylation Date or Recompletion Date or | | | FEBI |
| The completion Core, WSW, Expl., Cathodic, etc.) The core | | | FF |
| If Workover/Re-entry: Old Well Info as follows: Operator: | Dry Other | | |
| Operator: | | | |
| Well Name: Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to Enhr. Conv. to SWD Plug Back: Plug Back Total Depth Commingled Docket No.: Other (SWD or Enhr.?) Docket No.: Oght (SWD or Enhr.?) Docket No.: Ogrator Name: Lease Name: Lease Name: Lease Name: Lease Name: Location of fluid disposal if hauled offsite: Operator Name: Lease Name: Lease Name: Location of fluid disposal if hauled offsite: Operator Name: Lease Name: Lease Name: Location of fluid disposal if hauled offsite: Operator Name: Lease Name: Location of fluid disposal if hauled offsite: Operator Name: Lease Name: | | w/ | SX CIRL |
| Original Comp. Date:Original Total Depth:Conv. to SWD | | | 11-4-09 |
| Deepening Re-perf. Conv. to Enhr. Conv. to SWD Plug Back: Plug Back Total Depth Commingled Docket No.: Docket No.: Operator Name: Lease Name: License No.: Operator Name: Lease Name: Lease Name: County: Docket No.: Docket No.: Operator Name: Lease Name: Lease Name: Docket No.: Operator Name: Lease Name: | | | |
| Plug Back:Plug Back Total Depth Location of fluid disposal if hauled offsite: | - | | |
| Commingled Docket No.: Dual Completion Docket No.: Other (SWD or Enhr.?) Docket No.: Other (SWD or Enhr.?) Docket No.: Other (SWD or Enhr.?) Docket No.: Og/11/2009 Og/18/2009 Og/18/2009 Spud Date or Recompletion Date or Recompletion Date or Recompletion Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 87202, 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 slide 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 promyulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and phrings to the best of my knowledge. Signature: **COMMINION OF TRANSPORT OF TR | | Dewatering method used: Let dry | |
| Dual Completion Docket No.: Other (SWD or Enhr.?) Docket No.: Docket No.: Og/11/2009 O9/18/2009 O9/18/2009 O9/18/2009 Date Reached TD Completion Date or Recompletion Date Notary Public: Date Reached TD Completion Date or Recompletion Date or Docket No.: INSTRUCTIONS: An original and two copies of this form shall be led confidential for a period of 12 months if requested in writing and submitted with the form (see rule 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 apply. Information of swell. Rule 82-3-130, 82- | | Location of fluid disposal if hauled offsite: | |
| Other (SWD or Enhr.?) Og/11/2009 Og/18/2009 Og/18/2 | - | Operator Name: | |
| O9/11/2009 O9/18/2009 O9/18/2009 O9/18/2009 O9/18/2009 Oy/18/2009 Date Reached TD Completion Date or Recompletion Date County: | | 1 | |
| Spud Date or Recompletion Date Date Reached TD Completion Date County: Docket No.: | | | |
| Kathleen Newton Kathleen Newton Kathleen Newton Kathleen Newton Kathleen Newton Notary Public: Marsas 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 breat to the best of my knowledge. Signature: KCC Office Use ONLY | Spud Date or Date Reached TD Completion Date or | | |
| Signature: | Kansas 67202, within 120 days of the spud date, recompletion, workover or complete to the form will be held confidential for a period of 12 months if rectiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for | onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. In quested in writing and submitted with the form (see rule 82-3-107 fo all report shall be attached with this form. ALL CEMENTING TICKE rm with all temporarily abandoned wells. | Information or confiden- ETS MUST |
| Signature: | All requirements of the statutes, rules and regulations promulgated to regulate the are complete and regulations promulgated to regulate the are complete and regulations. | he oil and gas industry have been fully complied with and the state | ments herein |
| Title: Prod. Supt. Date: 10/21/2009 Letter of Confidentiality Received If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution RECEIVED A KATHLEEN NEWTON Notary Public - State of Kansas | INVOLA TOLONIA | , | |
| Subscribed and sworn to before me this 21 day of Ochlos Letter of Confidentiality Received If Denied, Yes Date: | | KCC Office Use ONLY | |
| Subscribed and sworn to before me this 21 day of Ochubo If Denied, Yes Date: | Title: Prod. Supt. | Letter of Confidentiality Received | |
| Notary Public: Date Commission Expires: Date Commission Expires: Notary Public - State of Kansas Geologist Report Received UIC Distribution RECEIVED OCT 2 3 2009 | Subscribed and sworn to before me this 21 day of Och bo | | |
| Notary Public: Date Commission Expires: Date Commission Expires: Notary Public - State of Kansas Geologist Report Received UIC Distribution RECEIVED OCT 2 3 2009 | 20 09 | Wireline Log Received | |
| Date Commission Expires: | annon | Geologist Report Received | |
| KATHLEEN NEWTON Notary Public - State of Kansas | | UIC Distribution RECE | IVED |
| Notary Public - State of Kansas | Date Commission Expires: // 19 2011 | | |
| | A KATHLEEN | ALAA LOMI | J 7002 |
| | | | ICHITA |

Side Two

| Operator Name: Ma | i oil Operations, in | C. | | Lease N | Vame: _ | Hildreth | | We | ell #: _2 | | |
|--|---|---|--------------------------------|------------------|--|--------------------|-----------------------------------|---|--|--------------|---|
| Sec. 1 Twp1 | 18 S. R. 15 | ☐ East 🗸 W | /est | County: | Barto | on . | | | | | |
| time tool open and cl recovery, and flow ra | how important tops ar osed, flowing and shu tes if gas to surface to al geological well site | ut-in pressures, v est, along with fir | vhether shu | t-in press | sure rea | ched static level | , hydrostatic | pressures | s, bottom l | nole tem | perature, fluid |
| Drill Stem Tests Take (Attach Additional | | ☑ Yes [| □No | | V L | og Formatio | ın (Top), Deş | th and Da | atum | | Sample |
| Samples Sent to Geo | ological Survey | ☐ Yes [| ✓ No | | Nam Anhy | | | To 103 | op 35' | | Datum +968 |
| Cores Taken Electric Log Run (Submit Copy) | y , | Yes [| ☑ No □ No | | Tope Heeb | ka ner | | 299 323 | 96' 32' | - | 993 1229 |
| List All E. Logs Run: | | | | | Toror | | | 324 33 | _ | | 1245 1312 |
| CNFD, DIL, I | Micro | | | | Lans | ng Kansas City | | 35: | - | | 1523 |
| | | | | | Arbu | • | | 35 | | | 1585 |
| | | | CASING RE | CORD | ✓ Ne | w Used | | ······································ | | | |
| | 6: | , | | | | ermediate, product | 7 | | | 1 | |
| Purpose of String | Size Hole Drilled | Size Casir Set (In O.I | | Weig Lbs./ | | Setting Depth | Type o Cemer | | # Sacks Used | | and Percent Additives |
| Surface | 12 1/4" | 8 5/8" | 2 | 23# | ······································ | 1029' | 60-40 PC |)Z 37 | 75 | 2% G | el, 3% CC |
| Production | 7 7/8" | 5 1/2" | 1 | 4# | | 3629' | 60-40 PC |)Z 16 | 60 | | |
| | | ADD | DITIONAL CE | EMENTIN | IG / SQU | EEZE RECORD | | | (************************************ | | *************************************** |
| Purpose: —— Perforate —— Protect Casing —— Plug Back TD | Depth Top Bottom | Type of Cen | nent | #Sacks \ | Jsed | | Туре | and Percer | nt Additives | | |
| Plug Off Zone | | | | | | | | | | | |
| Shots Per Foot | PERFORATI Specify I | ON RECORD - Br Footage of Each In | idge Plugs S terval Perfora | Set/Type Ited | | | cture, Shot, Co mount and Kind | | | d | Depth |
| 3 | 3476-80', 3462- | -67', 3383-86 | s', 3378-8 | 30', 337 | '0-73' | 6000 gal 2 | 0% HCL | | | REC | EIVED |
| | | | | | | | | | | OCT | 2 3 2009 |
| | | | | | | | | *** | K | (CC | WICHITA |
| | | *************************************** | · | | | | | *************************************** | | | |
| TUBING RECORD: 2 | Size: 7/8" | Set At: 3599' | , | Packer At: | | Liner Run: | Yes 💽 |] No | | | |
| Date of First, Resumed 10/03/2009 | Production, SWD or Enf | nr. Produ | cing Method: | |] Flowing | ✓ Pumpin | g 🗀 G | as Lift | Othe | er (Explain, |) |
| Estimated Production Per 24 Hours | Oil 8 50 | 3bls. G | as Mcf | | Wate | r Bi 20 | ols. | Gas-O | il Ratio | | Gravity |
| | ON OF GAS: | | MET | HOD OF (| COMPLE | TION: | | | RODUCTIO | N INTER | VAL: |
| Vented Sold | | Open Ho | | erf. | Dually | Comp. Con | mingled | 3370-34 | AO '081 | | |

QUALITY OILWELL CEMENTING, INC.

| Phone 785-483-2025 Cell 785-324-1041 | Home Office P.O |). Box 32 Russell, KS 67665 No | o. 3383 |
|---|---|--|--|
| 0 12-00 Sec. | Twp. Range | County State On Location | Finish |
| Date 1201 | 18 15 | Baeton Ki | ROD |
| Lease HILDREth 1 | | ocation OLMITZ | |
| Contractor Southward | Dels #3 | Owner 125 ESINT | 0 |
| Type Job Suptace | | To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipments | ent and furnish |
| Hole Size 12/4 | T.D. 1029 | cementer and helper to assist owner or contractor to | do work as listed. |
| Csg. 878 23 H | Depth 1028 | Charge Mar OL | |
| Tbg. Size | Depth | Street | |
| Drill Pipe | Depth | City State | |
| Tool | Depth | The above was done to satisfaction and supervision of own | er agent or contractor. |
| Cement Left in Csg. | Shoe Joint 41.39 | CEMENT | |
| Press Max. | Minimum | Amount Ordered 375 & Loke for a | 24681 30 LC |
| Meas Line | Displace \$3.2 Bb | | |
| Perf. | | Poz. Mix 150 @ 122 | |
| EQUIP | MENT | Gel. $7 \theta 7^{\infty}$ | · |
| Pumptrk 5 No. Cementer Helper | E | Calcium 12 (2 42.92 | · |
| Bulktrk 7 No. Driver Driver | als | Mills | |
| Bulktrk No. Driver TC | 0.0 | Salt | |
| JOB SERVICES | & REMARKS | Flowseal | |
| Pumptrk Charge Sueface | | | |
| Mileage 15 6 60 | 2 | | |
| Footage | | | |
| | Total | Handling 394 @ 200 | |
| Remarks: | | Mileage BAS BE M. W | |
| Kun 24 H's 876 | 23 tose SEL 1010 | 26 Pump Truck Charge | |
| | | | |
| Max 1 10mp 3755 | 6040 Por | FLOAT EQUIPMENT Guide Shoe | |
| 296 Bel 395 CL 14.7 | "bal 1.25 ft3 | Centralizer | |
| | | Baskets | |
| SHIT Dawn Religious | s Pluc | AFU Inserts | ; |
| | 7 | 185/B GOPFIE | 12500 |
| 0150 63.2 Bb/ total | Was 20 88 000 000 000 000 000 000 000 000 0 | 85/8-TOP R bloce Plus | 1/0 00 |
| Phydown 500 | | 10,010, 20,000,1109 | 100. |
| Close Value on CSC | Butter Butter | Head & Mans Roin (P) | |
| Good epa Mili 303 | , .A | Rotating Head | |
| CER CUST TO PET | 0/84% | Squeez Mainfold | RECEIVED |
| That Tops/ Jos | S SS E T CAN | Tax | OCT 2 3 2009 |
| Juy Jarier | N KIN | Discount | |
| X Signature | | Total Charge | KCC WICHITA |

ALIED CEMENTING CO., LLC. 037623

SERVICE POINT: RUSSELLIKANSAS 67665 Russell KS nations on the Contact the quantity is applicable. Feel respect to the Livilian with SEC TWP RANGE CALLED OUT ON LOCATION JOB START JOB FINISH LOCATION Olmitz 1/2 South East into OLD OR (EW) (Circle one) A. THE TRANSPORTER OF SAME THE AMORNION SOLITION. CONTRACTOR Southwind #3 TYRE OF JOB Production String HOLE SIZE 722 CEMENT CASINGISIZE SALES DEPER 3/26.52 AMOUNT ORDERED 160 9/40 10/5/42/6 47 TUBING SIZE DRILL PIPE DEPTH TOOL: Violation of the DEPTH of the Control of the PRES MAX MINIMUM COMMON 2 96 @ 1358 1296 a MEAS. LINE SHOE JOINT 21:08' POZMIX 3 69 2,55 473,20 CEMENT LEFT IN CSG. 21:08' GEL 3 20,25 40,25 40,75 PERFS: CHLORIDE - SOURCE - CHLORIDE - SOURCE - CHLORIDE - SOURCE - CHLORIDE -DISPLACEMENT 87.97 RIVERS SELLENGE DICT OF ASCREPT TO THE WARRIST TO THE DESCRIPTION OF THE PROPERTY OF THE PR EQUIPMENT. F/6 Seat 40 5 @ 2,45 98,00 magniorus so acc., se mor ma ce cis a**go**ideans an Chillik bisado PUMPTRUCK CEMENTER John Roberts WFR-2 1000 Gel WIND HELPER Matt BULK TRUCKED ISSUES A RESTRICT OF THE PROPERTY @ DMM.77/1177 #378 DRIVER Chris **BULK TRUCK** # 1316 A medical partver of harteness of HANDLING 160 भाग भाग अस्य अस्ति अस्ति । इ.स.च्या १९८० TOTOD ENTONIES C. L. . HELDER MET VIEWERS: Est. Croxylation & Correglate 45 1943.4A.164.4.1. 第1年1日 Insert @ 3605' Plug Rathole W 305k to the SERVICE and pall to some cement, Mix 1000gal WFR-2 Mix 1305k comunt wash coment line decun. Displace **DEPTH OF JOB** WY 87.97 Bbl H20. Land plug @ 1500 **EXTRA FOOTAGE** MILEAGE 25 MANIFOLD KCC WICHITA CITY PLUG & FLOAT EQUIPMENT Larson Sta AFU Float Shoe @ 101,00 The same Lason State Down @ @ 16400 To Allied Cementing Co., LLC. 8- Weatherford and Tuckeliners @ 42,000 336,00 You are hereby requested to rent cementing equipment

and furnish cementer and helper(s) to assist owner or



DRILL STEM TEST REPORT

Mai Oil Operations Inc.

Hildreth #2

8411 Preston RD STE 800 Dallas TX 75225

Job Ticket: 35112

1 18s 15w Barton KS

DST#: 1

ATTN: Kit Noah

Test Start: 2009.09.16 @ 13:44:37

GENERAL INFORMATION:

Formation:

LKC "E-F"

Deviated:

No

Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole

Time Tool Opened: 16:34:52 Time Test Ended: 21:50:52

Tester:

Kevin Taylor

Unit No:

2003.00 ft (KB)

Interval:

3366.00 ft (KB) To 3394.00 ft (KB) (TVD)

Reference Elevations:

Total Depth:

3394.00 ft (KB) (TVD)

1995.00 ft (CF)

Hole Diameter:

7.88 inchesHole Condition: Fair

KB to GR/CF:

8.00 ft

Serial #: 8358 Press@RunDepth:

Inside

157.28 psig @

3367.00 ft (KB)

2009.09.16

Capacity:

8000.00 psig

Start Date: Start Time:

2009.09.16 13:44:42 End Date: End Time:

21:50:51

Last Calib .: Time On Btm: 2009.09.16

Time Off Btm:

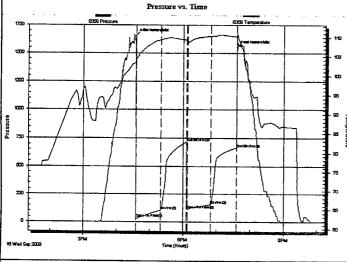
2009.09.16 @ 16:34:37 2009.09.16 @ 19:36:37

TEST COMMENT: I.F. Strong Blow B.O.B. 90 Sec.

I.S.I. Bled Off 5 Min Strong Blow B.O.B. 13 Min

F.F. Strong Blow B.O.B. 20 Secd Gas To Surface (TSTM)

F.S.I. Bled Off 5 Min Strong Blow B.O.B. 13 Min



| | PRESSURE SUMMARY | | | | | | | |
|-------------|------------------|----------|---------|----------------------|--|--|--|--|
| | Time | Pressure | Temp | Annotation | | | | |
| | (Min.) | (psig) | (deg F) | | | | | |
| | 0 | 1655.34 | 103.67 | Initial Hydro-static | | | | |
| | 1 | 34.68 | 103.95 | Open To Flow(1) | | | | |
| | 46 | 105.07 | 109.45 | Shut-In(1) | | | | |
| | 92 | 718.23 | 109.41 | End Shut-In(1) | | | | |
| Tem | 93 | 114.75 | 109.43 | Open To Flow (2) | | | | |
| Temperature | 135 | 157.28 | 110.41 | Shut-in(2) | | | | |
| 6 | 182 | 665.26 | 110.28 | End Shut-In(2) | | | | |
| | 182 | 1553.51 | 110.79 | Final Hydro-static | | | | |
| | | | | · · | | | | |
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|---|---|---|---|---|---|---|
| | | | | | | |

| Description | Volume (bbl) |
|---------------------------|---|
| MGO 60%G 30%O 10%M | 0.91 |
| MGO 30%G 60%O 10%M | 1.81 |
| MGO 50%G 45%O 5%M | 1.81 |
| MGO 20%G 60%O 10%M | 0.91 |
| MGO 5%G 70%O 25%M | 0.91 |
| 1VISO 3763 7 0760 23761VI | 0.91 |
| | MGO 60%G 30%O 10%M MGO 30%G 60%O 10%M MGO 50%G 45%O 5%M MGO 20%G 60%O 10%M |

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

RECEIVED

OCT 2 3 2009

KCC WICHITA

Trilobite Testing, Inc

Ref. No: 35112

Printed: 2009:09:30 @ 11:12:17 Page 2



DRILL STEM TEST REPORT

Mai Oil Operations Inc.

Hildreth #2

8411 Preston RD STE 800

Job Ticket 35113

1 18s 15w Barton KS

DST#: 2

ATTN: Kit Noah

Dallas TX 75225

Test Start: 2009.09.17 @ 09:19:51

GENERAL INFORMATION:

Time Tool Opened: 11:13:14

Time Test Ended: 18:20:29

Formation:

LKC "H-J"

Deviated:

Whipstock No

ft (KB)

Test Type:

Conventional Bottom Hole

Tester:

Kevin Taylor

Unit No:

31

Reference Elevations:

2003.00 ft (KB)

1995.00 ft (CF)

KB to GR/CF:

8.00 ft

Interval: Total Depth:

Hole Diameter:

3436.00 ft (KB) To 3497.00 ft (KB) (TVD)

3394.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

Serial #: 8358

Press@RunDepth:

Inside 1056.91 psig @

2009.09.17

3437.00 ft (KB) End Date:

2009.09.17

Capacity: Last Calib.:

8000.00 psig 2009.09.17

Start Date: Start Time:

09:19:56

End Time:

18:20:28

Time On Btm:

2009.09.17 @ 11:12:59

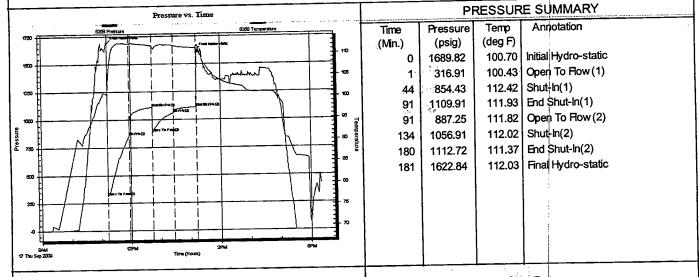
Time Off Btm:

2009.09.17 @ 14:13:58

TEST COMMENT: IF Strong Blow BOB 30Sec Gas-Surface 28Min (TSTM)

ISI Bled Off 5Min (Forgot 2 Open .25" Blow Line VIve Checked Blow Back Bled Off5Min B/4 Opening)

FF Strong Blow BOB Immediately Gas 2 Sufrace (TSTM)



Valume (bb!) Description Length (ft) 0.91 MUD GSY OIL 15%G 65%O 20%M 62.00 MUDY GSY CT OIL 15%G 70%O 15%N 0.91 62.00 **CLN GSY OIL 10%G 90%O** 40.82 2791.00 SLT MD CT GSY OIL 17%G 68%O 15% M0.91 62.00

MD CT GSY OIL 20%G 5%O 75%M

Recovery

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

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Trilobite Testing, Inc

62.00

Ref. No: 35113

0.91