



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1261814
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-
Sec. _____ Twp. _____ S. R. _____ East West

_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-
Feet from North / South Line of Section

_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-
Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

(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 #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1261814

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: **OMU 604W (WHITE 5-10)**

Accounting ID 9769-01	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 150812038400	Lease Unassigned	Unit Name
Working Interest (%) 100.00	Original KB Elevation (ft)	SAP Latitude 37.5423400000	SAP Longitude -101.0231600000	Total Depth 5,440.0	KB Adjustment (ft)
Field Name EUBANK (F)	County HASKELL	State/Province KANSAS	Field Office ULYSSES	Accounting Group Ulysses E	Producing Status Shut In

Job Category Completion/Workover	Primary Job Type Conversion	Job Start Date 3/10/2015	Job End Date 5/15/2015
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Daily Operations

Report Start Date 3/11/2015	Primary Activity
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Operations Summary
Move Rawhide Rig to Loc. Filled up the JSA. Rig up the unit. Unhung the well. TOHW: 22 x 1.25 PR 10 x 1.5 Liner. 2.4,6,6,6 7/8 rods subs. 47 7/8 rods with scrp. 23 7/8 plains. 24 3/4 w/ scrp. 104 3/4 rods plains. 2.5 x 1.5 x 16 RWBC Pump. 6' GA. rigged up for tbg swab. make couple rounds to clean out the paraffine off the tbg. Prepared to pull tbg. Release the TAC. NU BOP. TOHW 100 2 7/8 jts and lay down. SWIFN &SD.

Report Start Date 3/12/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. Filled up the JSA. Finish to TOHW 54 jts. Toatl pull. 147 jts 2 7/8. TAC. 5.5 x 2 7/8. 9 jts SN* 15' MA. The Hub Load tbg & Rods and Move out way to ENU Yard. Spoted in with work string trailer on Loc. picked tbg off trailer and Run in with 5.5 scrapper. 4 3/4 bit. TIHW 152 jts 2 7/8 5.5 scrp. 4 3/4 bit. to 4820'. TOHW 152 jts Scrp & Bit. Stand the tbg back on derrick,. Rigged up Halliburton Wire Line. Set CIBP @ 4758. Rig down the wire line. SWIFN &SD.

Report Start Date 3/13/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. Filled up the JSA. Prepared to run tbg. TIHW RBP * PKR * SN * 131 jts 2 7/8. Set PKR @ 3994'. load the back side Press test to 500 psi for 45 minutes. release the PKR. Set RBP 4200' PKR @ 3994' get pump rate on Lansing Perf @ 4054-4063. pump 4.5 BPM @ 250 psi. 5 BPM @ 280 Psi. release the PKR latch On RBP. Release., TIHW 147 jts Set RBP @ 4650. pull 1 jts. load the tbg. try to press test tools to 1000 psi. lost 100 psi. on 5 minutes. try on several places on casing. not hold. move Avohe the KC Perf @ 4557- 4567' try on differents places. not hold. move tools avobe the Lansing perf. Sit tools @ 3994' with 126 jts. and PKR @ 3962' SWIFN &SD.

Report Start Date 3/16/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. Filled up the JSA. Tools set @ RBP @ 3994' w/ 126 jts. PKR @ 3962' w/ 125 jts. try to press test tools. press up to 1000 psi. not test. lost 100 psi. on 5 min. drope the standing Valve. 2 7/8. try to press test tbg. Not test. release tools. TOHW 126 jts SN * RBP * PKR. Rigged up Hydro-tester. TIHW with new Set of tools. RBP & PKR. SN. 146 jts test all tbg to 6000 psi. all tbg test okay. Set RBP @ 4660' with 146 jts. TOHW 20 jts. let PKR Swinging @ 3962 w/ 125 jts. and SWIFN &SD.

Report Start Date 3/17/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. Filled up the JSA. TIHW 124 jts set PKR @ 4631' (note RBP ws @ 4660') Rigged up Chaosland pump truck. press up to 1000 psi. lost 90 Psi on 10 minutes try several time. not test. release the RBP. and leave swinging on bottom. set PKR try to press up . lost 100 psi on 1 minute. Move Tool above the Kc perf. set RBP @ 4503 w/ 142 jts. Set PKR @ 4472' w/ 141 jts. try to press test tool. press up to 800 psi. Not hold. lost 10 Psi Per minute. Move tools up the Lansing perforations. Set RBP @ 3994' with 126 jts. set PKR @ 3962' w/ 125 jts. try to press test tool @ 800 psi. lost 10 psi per minute. release the PKR and leave swinging load the well. press up to 800 psi. not hold lost 10 psi on per minute. set the PKR @ 3962' press up on the back side. to 800 psi. lost 10 psi per minute. release tools TOHW 126 jts SN * RBP * PKR. and SWIFN. wait for orders.

Report Start Date 3/18/2015	Primary Activity
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Operations Summary
Rig Shut Down for day>

Report Start Date 3/19/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. Filled up the JSA. TIHW w/ working string . TOHW work string and Laydown on trailer. ND BOP. get the well flange up and pack off. Rig down clean Loc. and Move out. wait on desicions.

Report Start Date 4/28/2015	Primary Activity Prepared for run 4.5 Liner
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Operations Summary
Move Rawhide Rig in to Loc. Filled up the JSA. Rig up the unit. prepared to run tbg. SDFD.

Report Start Date 4/29/2015	Primary Activity
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Operations Summary
Crew drove To Loc. Filled up the JSA. NU BOP. spot 2 7/8 work string on Loc. TIHW 146 jts 2 7/8. * SN. Open Enden NU Stripping head. Ready to pump LCM. SWIFD.&SD



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: **OMU 604W (WHITE 5-10)**

Accounting ID 9769-01	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 150812038400	Lease Unassigned	Unit Name
Working Interest (%) 100.00	Original KB Elevation (ft)	SAP Latitude 37.5423400000	SAP Longitude -101.0231600000	Total Depth 5,440.0	KB Adjustment (ft)
Field Name EUBANK (F)	County HASKELL	State/Province KANSAS	Field Office ULYSSES	Accounting Group Ulysses E	Producing Status Shut In

Daily Operations

Report Start Date 4/30/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove To Loc. Filled up the JSA. Allied Pump truck move In . rigged up. prepared to pump LCM. pump 15 bbls Ahead down the tbg, Mix LCM. 5 Gals of liquid EZ Sweep. 5 bags of Magma fiber. 4 sx of Calcium carbonate Mix w/ 20 bbls of fresh water displaced with 40 bbls. well was on vacuum. not circulation. let set 30 minutes. Mix LCM. 5 Gals of liquid EZ Sweep. 5 bags of Magma fiber. 4 sx of Calcium carbonate Mix w/ 20 bbls of fresh water. displaced with 50 bbls of water. not pressure. well was on vacuum. Mix LCM. 5 Gals of liquid EZ Sweep. 5 bags of Magma fiber. 4 sx of Calcium carbonate 5 gals of EZ Sweep. Mix w/ 20 bbls of fresh water displaced with 20 bbls have circulation up to surface. circulate 28 bbls to the working pit with pinch on 2" valve to keep press on back side. press went up to 1020 psi. pumping 2.5 BPM. with returns to the surface. wait for more LCM. Mix 1 sx of granulated EZ Sweep. 4 sx of Hole Seals. 4 sx of Calcium Carbonate 1 sx of Magna Fiber. 5 gals of Liqui Drill. Mix with 5 Bbls. displaced with 36 bbls and let it set for 30 Minutes. try to press up. pump 2.5 BPM at 800 psi. and drope 2 BPM at 540 psi.. Mix EZ Sweep. 1 sx. granulated. 4 sx of Hole Seals. 1 sx of magna Fiber. 4 sx of calcium Carbonate. Desplaced with 36 bbls of water. let it set for 30 minutes. try to press up. pump 2 BPM at 360 psi. Rig down Pump truck. Pull 40 jts to be above perforations. leave tbg swinging @ 3350 w/ 106 jts. SWIFN &SD.</p>	
Report Start Date 5/1/2015	Primary Activity
<p>Operations Summary</p> <p>Crew drove To loc. Filled up the JSA. casing vacuum. tbg on vacuum. TIHW 146 jts. tag 4651' go through soft spot. tagn @ 4754 with 150 jts and 11' on 151 jts. lay down 1 jts. hook up chaosland pump truck. pump 6 bbls to broke circulation. rig down the Pump truck. TOHW 150 jts 2 7/8 and lay down on trailer. Rigged up the 3.5 sand pump. runed in. tag @ 4050'. fill like soft fluid. pulled back out well. lay down. Prepared for 4.5 casing. SWIFN &SD.</p>	
Report Start Date 5/4/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove To Loc. Filled up the JSA.. Prepared for run 4.5 casing/. TIHW. 4.5 Float Shoe. . 1 jts 4.5. Float Collars. 95 jts 4.5. and 27' in on Jts # 96. Tag @ 4036' Rig up Pump truck. Load the casing with 40 bbls. circulate out 3' off fill to 4039' . drope free. circulate the hole w/ 27 more Bbls. Run in with more 10 jts. Tag @ 4558' with 107 jts and 20' with Jts # 108. lay down 1 jts, leave casing swinging @ 4538' hook up the pump truck. circulate the hole with 22 bbls. have good returns.. SWIFN &SD.</p>	
Report Start Date 5/5/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove To Loc. Filled up the jsa. Casing & Tbg On vacuum. pick up 1 jts 4.5. Tag @ 4558' hook up the Chaosland Pump truck. broke circulation with 17 bbls. of water. circulate clean.3 ' to 4561' run full jts 108 to 4575'. circulate the well with clean Returns with 67 bbls. finish TIHW 4.5 casing. total 112 jts W/ Float Shoe @ 4752' 3' off bottom. try to pump circulation. 4.5 casing press up to 1000 psi.. Bleed the press off. Pull 6 jts of 4.5 casing. to 106 jts 4.5. swinging @ 4483'. circulate clean down the hole every Jts. to bottom. with 5 bbls. to 4752'.. Total 4.5 casing Run. 4.5 Float Shoe @ 4752' 1 jts 4.5. Float Collars @ 4705' 111 jts 4.5 Flush Casing. Circulate the well with 20 bbls with not problems. ND BOP. Falnge the 4.5 casing. Prepared to pump cement. Pump. down the 4.5 casing 185 sx of cement Class A. gel 6%. w/ Density 12.80 ppg Lead. 45 sks Class A 2 % Gel 0.4 % BWOC Fluid loss -FI-160. 0.2 % dispersant. Slurry Density 14.5 PPG. with 73 bbls of displacement. w/ wash wiped plug @ 1990 psi.. . Not returns. press up on 4.5 casing 1990 psi.. Rig down the cement trucks. SWIFN &SD.</p>	
Report Start Date 5/6/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove To Loc. Filled up the JSA. check press on the well. back side has vacuum. 4.5 casing has strong vacuum. prepared for welder. cut 4.5 casing off. and weld a 4.5 bell niple NU Tbg head. NU BOP. rigged up the 3" sand pump. Tag bottom @ 4715' with depthameter measurement. Rig up Chaosland Pump truck. Load the back side of 4.5 casing with 1.5 bbls with packer fluid. test the back side up to 300 psi. hold good. hook up on 4.5 casing. press up to 300 psi. good test. SWIFN &SD.</p>	
Report Start Date 5/7/2015	Primary Activity
<p>Operations Summary</p> <p>Shut down for day. Not Actividy.</p>	
Report Start Date 5/8/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove to Loc. Filled up the JSA. Prepared for run tbg. TIHW 3 3/4 Bit Change Over box. 149 jts 2 3/8 with 12' in Jts # 150' Tag @ 4707'. prepared for Drill out the float Sub. SWIFN &SD.</p>	
Report Start Date 5/11/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove To Loc. Filled up the JSA. Prepared to Drill out Float collars and cement. Float Collar @ 4707 with 149 jts 2 3/8 & 16' in jts # 150'. Rigged up the power swivel.. Drill out the float collars and cement to 4747; circulate clean for 30 minutes. Press test to 350 psi for good. TOHW 151 jts 2 3/8 3 3/4 bit. fill the well back with water. SWIFN &SD.</p>	



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: **OMU 604W (WHITE 5-10)**

Accounting ID 9769-01	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 150812038400	Lease Unassigned	Unit Name
Working Interest (%) 100.00	Original KB Elevation (ft)	SAP Latitude 37.5423400000	SAP Longitude -101.0231600000	Total Depth 5,440.0	KB Adjustment (ft)
Field Name EUBANK (F)	County HASKELL	State/Province KANSAS	Field Office ULYSSES	Accounting Group Ulysses E	Producing Status Shut In

Daily Operations

Report Start Date 5/12/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove To Loc. Filled up the JSA.. Rigged up Halliburton Wire line. CBL the well. Find top of cement @ 2278'. sent the CBL to OPs engineer. Rig down Wire line. Prepared for casing Swab. FL Surface. Swab well down to 3500' Rec. 55 bbls. Rig up the Wire line And Re-perforate the Marmaton Using 3.375" Carriers, 38.5 gr, 0.43" E.H., and 57,73" penetrating Perf Guns as follows:</p> <p>Marmaton: 4680-4690 4 SPF 90 Phasing. 40 Shots.</p> <p>Rig down the Halliburton Wire line. start casing swabbing. Tag IFL @ 3400' all water the first run. swab the well for 2.5 hrs. Rec. 22.5 bbls. last 1/5 hrs Fl w as @ 4650' rec. 1.5 bbls of water. lay down the swab tools. Prepared for run tbg. TIHW 147 jts 2 3/8 * SN * PKR. Seted @ 4630'. SWIFN & SD.</p>	
Report Start Date 5/13/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove to Loc. Filled up the JSA. check press on the well. Casing (0) PKR.. Tubing press 35 psi. blow the well down. tag IFL @ 3850'. rec. show of oil the first run.. make 2 runs rec. 3,5 bbls well dry. rigged up chaosland Acid truck. Pump Acid to stimulate the Marmaton formation Via 2 3/8 tbg. pump :</p> <p>3000 gals of 15 % HCL Acid 24 Bbls flush 4 % Kcl granular Max press 990 psi Ave Press 595 psi Max Pump rate 3 BPM Ave rate 2 BPM ISIP 180 Psi</p> <p>after 2 minutes was on vacuum. Rig down chaosland Acid truck. Prepared for tbg swab. tag IFL @ 950' all brown water the first run. swab the well for 8 hrs. rec. 105 bbls of water. last FI was 4000' rec. 9 bbls of acid water w/ show of oil. tbg has light blow/ SWIFN &SD.</p>	
Report Start Date 5/14/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove To Loc. Filled up the JSA. check press on the well. Tubing press 90 Psi. Casing (0) PKR. Blow the tubing down. Tag IFL @ 3200' with show of oil. swab for 1.5 hrs. rec. 25 bbls of fluid. last FL was @ 3400'. lay down the tubing swab tools. Prepared for pull tbg. Release the PKR. TOHW 147 jts * SN * PKR lay down on Trailer. SWIFN &SD</p>	
Report Start Date 5/15/2015	Primary Activity
<p>Operations Summary</p> <p>Crew drove To Loc. Filled up the JSA. Casing press. 30 psi. prepared to ran tubing. TIHW Pick tubing off trailer. 4.5 x 2 3/8 Full Bore Model " AS1-X" 7 K Nickel plater packer. 4.5 x 2 3/8 x 1.55 " X " Model "T2" On & Off Tool 13 chrome. 143 jts 2 3/8 Poly Core Tubing Set PKR @ 4636' ND BOP.. J- Off of the ON & OFF tool. get the well pack off. circulate the well with 80 bbls of packer Fluid. latch on On Packer with ON & Off tool. Pull 10,000 ths over string weight on the PKR. pack off the well. press test on back side to 350 psi for 40 minutes. hook up on back side of the 4.5 casing and press up to 300 psi for 30 minutes. good. Hook up on tubing and press up to 1000 psi and pump out the pump out plug. get injection rate . pump 4 BPM at 500 psi. Rig down chaosland water truck. Rig down clean loc. and Move out.</p> <p>Tubing details: 143 jts 2 3/8 Tubing Poly Core ON & OFF Tool "X" Model "T2" 13 Chrome. 4.5 x 2 3/8 x 1.5 "X" Nipple. 4.5 x 2 3/8 Full Bore Model " AS1-X" 7 K Nickel Plater Packer.</p> <p>Perforation Marmaton 4680-4690 4 SPF 90 Phasing</p> <p>4.5 Flush pipe FL-4S @ 4752' (TOC 2278') CIBP @4754'</p>	