Energy, Minerals and Natural Resources   Revised Jaly 18, 2011	Submit I Copy To Appropriate District Office	State of New Me			Form C-	
Substitution   Subs	District I - (575) 393-6161	Energy, Minerals and Natu	ıral Resources	WELL ADINO	Revised July 18,	2013
SIL S, Iris SL, Anesia, NM 88210   Diameter 1.0						<b>✓</b>
1220 SOUTH St. Francis Dr.  STATE ☐ FEE ☑ ✓  STATE ☐ FEE	811 S. First St., Artesia, NM 88210				ease	
120.5 St. Francis Dr. Suning Fr. NM   170.5 St. Francis Dr. St. Practic Dr. Suning Fr. NM   170.5 St. Francis Dr. Suning Fr. NM   170.5 St. Practic Dr. Suning Fr. Suning Fr. NM   170.5 St. Practic Dr. Suning Fr. Sun				STATE	FEE 🛛	
SUNDRY NOTICES AND REPORTS ON WELLS  (DO NOT USE THIS FORM ROD PROPOSALS TO DRILL OR TO DEPEN OR PLUG BACK TO A DIPPERENT RESPOND. LESS "APPLICATIONS FOR PERMIT FROM COD" — 100 PM COD"		Santa Fe, NM 8	/505	6. State Oil & Gas Le	ease No.	
DOND TUSE THIS FORM FOR PROPOSALS TO DRILL OR TO DESPEN OR PLUG BACK TO A PROPOSALS)  1. Type of Well: Oil Well   Gas Well   Other OCD - HOBBS   H.T. MATTERN NCT. C   Well Mumber 6   Well Coll Well   Gas Well   Other OCD - HOBBS   H.T. MATTERN NCT. C   Well Mumber 6   Well Coll Well   Gas Well   Other OCD - HOBBS   H.T. MATTERN NCT. C   Well Mumber 6   Well Coll Well Coll Well   Well Coll Well   Gas Well   Other OCD - HOBBS   H.T. MATTERN NCT. C   Well Mumber 6   Well Coll Well Col						
DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM CLOI) FOR SUCH PROPOSALS)				7. Lease Name or Un	nit Agreement Nan	ne
PROPOSALS    Type of Well: Oil Well   Gas Well   Other   O6/13/2016   S. Well Number 6   V.				LT MATTERNING	T C	$\neg$
2. Name of Operator   CHEVRON U.S.A. INC.   CHEVRON U.S.A. INC.   RECEIVED   9. OGRID Number   4323   V. CHEVRON U.S.A. INC.   10. Pool name or Wildcat   TUBB OIL & GAS   V.			HOBBS		1-0	-/
CHEWRON US.A. INC.   RECEIVED   V   V   V   V   V   V   V   V   V	71	Gas well Giner 06/1	3/2016		4323	-
10. Pool name or Wildcat   TUBB OIL & GAS		REC	EIVED 🗸	7. OOKID Nullioci	7.72.7	<b>V</b>
Well Location	3. Address of Operator				ldcat	
Unit Letter: H 1980 feet from NORTH line and 510 feet from the EAST line Section 18 Township 21S Range 37E NNPM County LEA  11. Elevation (Show whether DR, REB, RT, GR, etc.)  12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK   PLUG AND ABANDON   COMMENCE DRILLING OPNS   PAND A   PULL OR ALTER CASING   MULTIPLE COMPL   COMMENCE DRILLING OPNS   PAND A   PULL OR ALTER CASING   MULTIPLE COMPL   COMMENCE DRILLING OPNS   PAND A   DOWNHOLE COMMINGLE   OTHER: RECOMPLETION TO TUBB & DHC  13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 01/1/2015 TRROUGH 01/19/2015 TO RECOMPLETE THE SUBJECT WELL FROM THE DRINKARD TO THE TUBB RESERVOIR, AND DHC BOTH ZONES. THIS IS AN AMENDED REPORT. ALSO ATTACHED, IS THE WELLBORE SCHEMATIC AND TUBING SUMMARY. 01/10/2015: MIRU. 01/08/2015: Tag RIII 6735-6750. 01/09/2015: TIH w/RBP & set @ 6370-Dump 10' cmt. 01/10/2015: TIH W/RCBL & log from 6363 to surface. Perforate from 6204-6212, 6216-6320, 6204-6250, 6272-6282, 6310-6320, & 6332-6340. 01/12/2015: Tag RBP @ 6363'. Circ FW & 17 bbls of acid. Spot 3 bbls acid. Perfs communicated. Rel pkr & move pkr @ 2'' stage @ 6321'. Pump 14 bbl acid. Pump 5 bbl spacer. Pump 30 bbls acid. 9'' stage set pkr @ 6283. Pmp 8 bbl acid. 6'' stage set pkr @ 6251. Pmp 18 bbl acid. 7'' stage set pkr @ 6214. Pmp 8 bbl acid. TOTAL – 104 BBLS ACID. 01/15/2015: Swabbing. 01/15/2015: Swabbin		TEXAS 79705		TUBB OIL & GAS		
Section   18						
11. Elevation (Show whether DR, RKB, RT, GR, etc.)  12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK   PLUG AND ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS   ALTERING CASING   COMMENCE DRILLING OPNS   PAND A   CASING/CEMENT JOB   COMMENCE DRILLING OPNS   PAND A   COMMENCE DRILLING OPNS   PAND A   CASING/CEMENT JOB   CASING/CEMENT JOB   COMMENCE DRILLING OPNS   CASING/CEMENT JOB   C						
NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK   PLUG AND ABANDON   REMEDIAL WORK   ALTERING CASING   COMMENCE DRILLING OPNS   PAND A   COMMEN	Section 18				ounty LEA	-
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK   PLUG AND ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS.   ALTERING CASING   COMMENCE DRILLING OPNS.   PAND A   DULL OR ALTER CASING   MULTIPLE COMPL   CASING/CEMENT JOB   PAND A   CASING/CEMENT JOB   OTHER:  13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 01/7/2015 THROUGH 01/19/2015 TO RECOMPLETE THE SUBJECT WELL FROM THE DRINKARD TO THE TUBB RESERVOIR, AND DHC BOTH ZONES. THIS IS AN AMENDED REPORT. ALSO ATTACHED, IS THE WELLBORE SCHEMATIC AND TUBING SUMMARY. 01/07/2015: MIRU. 01/08/2015: Tag RIG 6336. 01/09/2015: TTH w/RDP & set @ 6370*Dump 10' cmt. 01/10/2015: TIH w/RCBL & log from 6363 to surface. Perforate from 6204-6212, 6216-6222, 6228-6236, 6240-6250, 6272-6282, 6310-6320, & 6332-6340. 01/12/2015: Tag RBP @ 6363*. Circ FW & 17 bbls of acid. Spot 3 bbls acid. Perfs communicated. Rel pkr & move pkr @ 2 <sup>nd</sup> stage @ 6321*. Pump 14 bbl acid, Pump 5 bbl spacer. Pump 30 bbls acid. Perfs communicated. Rel pkr & 6214. Pmp 8 bbl acid. TOTAL = 104 BBLS ACID. 01/15/2015: Swabbing. 01/16/2015: Tag RBP @ 6363*.Rel pkr. Well went to vacuum. Rel RBP. (Will commingle Tubb & Drinkard) 01/17/2015: Tag RBP @ 6363*.Rel pkr. Well went to vacuum. Rel RBP. (Will commingle Tubb & Drinkard) 01/17/2015: The w/pump & rods. RELEASE RIG 02/24/2016: On 24 hr OPT. Pumping 4 oil, 35 gas, & 21 water.  Spud Date:  Rig Release Date:  Rig Release Date:  Title REGULATORY SPECIALIST DATE 06/13/2016  Type or print name DENISE PINKERTON E-mail address: leakejd @chevron.com PHONE: 432-687-7375  For State Use Only  APPROVED BY:  ### TITLE Petroleum Engineer  DATE 06/15/2016		11. Elevation (Show whether DR	, RKB, RT, GR, etc.)			23.A
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK   PLUG AND ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS.   ALTERING CASING   COMMENCE DRILLING OPNS.   PAND A   DULL OR ALTER CASING   MULTIPLE COMPL   CASING/CEMENT JOB   PAND A   CASING/CEMENT JOB   OTHER:  13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 01/7/2015 THROUGH 01/19/2015 TO RECOMPLETE THE SUBJECT WELL FROM THE DRINKARD TO THE TUBB RESERVOIR, AND DHC BOTH ZONES. THIS IS AN AMENDED REPORT. ALSO ATTACHED, IS THE WELLBORE SCHEMATIC AND TUBING SUMMARY. 01/07/2015: MIRU. 01/08/2015: Tag RIG 6336. 01/09/2015: TTH w/RDP & set @ 6370*Dump 10' cmt. 01/10/2015: TIH w/RCBL & log from 6363 to surface. Perforate from 6204-6212, 6216-6222, 6228-6236, 6240-6250, 6272-6282, 6310-6320, & 6332-6340. 01/12/2015: Tag RBP @ 6363*. Circ FW & 17 bbls of acid. Spot 3 bbls acid. Perfs communicated. Rel pkr & move pkr @ 2 <sup>nd</sup> stage @ 6321*. Pump 14 bbl acid, Pump 5 bbl spacer. Pump 30 bbls acid. Perfs communicated. Rel pkr & 6214. Pmp 8 bbl acid. TOTAL = 104 BBLS ACID. 01/15/2015: Swabbing. 01/16/2015: Tag RBP @ 6363*.Rel pkr. Well went to vacuum. Rel RBP. (Will commingle Tubb & Drinkard) 01/17/2015: Tag RBP @ 6363*.Rel pkr. Well went to vacuum. Rel RBP. (Will commingle Tubb & Drinkard) 01/17/2015: The w/pump & rods. RELEASE RIG 02/24/2016: On 24 hr OPT. Pumping 4 oil, 35 gas, & 21 water.  Spud Date:  Rig Release Date:  Rig Release Date:  Title REGULATORY SPECIALIST DATE 06/13/2016  Type or print name DENISE PINKERTON E-mail address: leakejd @chevron.com PHONE: 432-687-7375  For State Use Only  APPROVED BY:  ### TITLE Petroleum Engineer  DATE 06/15/2016	Bearing the State of the State					
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PERFORM REMEDIAL WORK   PLUG AND ABANDON   CHANGE PLANS   PLUG AND ABANDON   CHANGE PLANS   PAND A   P						
TEMPORABILY ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS.   P AND A   DUNIHOLE COSING   MULTIPLE COMPL   CASING/CEMENT JOB   CASING/CEMENT JOB   DOWNHOLE COMMINGLE   CLOSED-LOOP SYSTEM   OTHER: RECOMPLETION TO TUBB & DHC  13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 01/1/2015 THROUGH 01/19/2015 TO RECOMPLETE THE SUBJECT WELL FROM THE DRINKARD TO THE TUBB RESERVOIR, AND DHC BOTH ZONES. THIS IS AN AMENDED REPORT. ALSO ATTACHED, IS THE WELLBORE SCHEMATIC AND TUBING SUMMARY. 01/10/2015: Tag fill 6735-6750. 01/09/2015: TH w/RBP & set @ 6370'. Dump 10' cmt. 01/10/2015: MIRU, 01/08/2015: Tag fill 6735-6750. 01/09/2015: TH w/RBP & set @ 6370'. Dump 10' cmt. 01/10/2015: MIRU, 01/08/2015: Tag RBP @ 6363'. 01/09/2015: THW w/RBP & set @ 6370'. Dump 10' cmt. 01/10/2015: MIRU Acid Unit. Set btm of pkr @ 6363'. Circ FW & 17 bbls of acid. Spot 3 bbls acid. Perfs communicated, Rel pkr & move pkr @ 220' stage @ 6321'. Pump 14 bbl acid. Pump 5 bbl spacer. Pump 30 bbls acid. Perfs communicated, Rel pkr & stage set pkr @ 6251. Pmp 3 bbl acid. 5th stage set pkr @ 6251. Pmp 3 bbl acid. 5th stage set pkr @ 6226. Pmp 8 bbl acid. 7th stage set pkr @ 6238. Pmp 8 bbl acid. 6th stage set pkr @ 6226. Pmp 8 bbl acid. 7th stage set pkr @ 6238. Pmp 8 bbl acid. 6th stage set pkr @ 6226. Pmp 8 bbl acid. 7th stage set pkr @ 6267. Pmp 8 bbl acid. 7th stage set pkr @ 627. Pmp 8 bbl acid. 7th stage set pkr @ 628. Pmp 8 bbl acid. 5th stage set pkr @ 628. Pmp 8 bbl acid. 5th stage set pkr @ 628. Pmp 8 bbl acid. 5th stage set pkr @ 628. Pmp 8 bbl acid. 5th stage set pkr @ 628. Pmp 8 bbl acid. 5th stage set pkr @ 628. Pmp 8 bbl acid. 5th stage set pkr @ 628. Pmp 8 bbl acid. 5th stage set pkr @ 628. Pmp 8 bbl acid. 5th stage set pkr @ 628. Pmp 8 bbl acid. 5th stage se						
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CLOSED-LOOP SYSTEM  OTHER: RECOMPLETION TO TUBB & DHC  13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 01/7/2015 THROUGH 01/19/2015 TO RECOMPLETE THE SUBJECT WELL FROM THE DRINKARD TO THE TUBB RESERVOIR, AND DHC BOTH ZONES. THIS IS AN AMENDED REPORT. ALSO ATTACHED, IS THE WELLBORE SCHEMATIC AND TUBING SUMMARY.  01/07/2015: MIRU. 01/08/2015: Tag fill 6735-6750. 01/09/2015: THH w/RPB & set @ 6370'.Dump 10' cmt.  01/10/2015: TIH w/RCBL & log from 6363 to surface. Perforate from 6204-6212, 6216-6222, 6228-6236, 6240-6250, 6272-6282, 6310-6320, & 6332-6340. 01/12/2015: Tag RBP @ 6363'. Circ FW & 17 bbls of acid. Spot 3 bbls acid. Perfs communicated. Rel pkr & move pkr @ 2 <sup>nd</sup> stage @ 6321'. Pump 14 bbl acid. Pump 5 bbl spacer. Pump 30 bbls acid. Perfs communicated. Rel pkr & move pkr @ 2 <sup>nd</sup> stage @ 6321'. Pump 14 bbl acid. Pump 5 bbl spacer. Pump 30 bbls acid. 3 <sup>nd</sup> stage Set pkr @ 6283. Pmp 8 bbl acid. 7 <sup>nh</sup> stage set pkr @ 6214. Pmp 8 bbl acid. TOTAL — 104 BBLS ACID.  01/16/2015: Swabbing.  01/16/2015: Swabbing.  01/16/2015: Tag RBP @ 6363'.Rel pkr. Well went to vacuum. Rel RBP. (Will commingle Tubb & Drinkard)  01/17/2015: Set 2 3/8" tbg @ 6739'.  TITLE REGULATORY SPECIALIST DATE 06/13/2016  Type or print name DENISE PINKERTON E-mail address: leakejd @chevron.com PHONE: 432-687-7375  For State Use Only  APPROVED BY:			O/ (O/ (O/ O/ C/ (O/ C))))))))))))))))))))))))))))))))))))			
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APPROVED BY:	Type or print name DENISE PIN	KERTON E-mail addres	s: leakejd @chevror	n.com PHONE	E: 432-687-737	15
	ADDROVED DV.	TITI C Dat	roleum Engineer	DATE	06/15/2016	
		7 IIIL IC	Journ Engineer	Dillo		

Submit 1 Copy To Appropriate District





Major Rig Work Over (MRWO) Completion - Reconfigure Job Start Date: 1/7/2015 Job End Date: 1/19/2015

MATTERN, H.T. NCT-C 006 Mattern, H.T. NCT-C Tubb Oil & Gas Mid-Continent tion (ft) Original RKB (ft) 3,485.00 3,497.00 Current RKB Elevation Mud Line Elevation (ft) Water Depth (ft)

Report Start Date: 1/7/2015

HELD JSA PRIOR TO MOVE. DROVE TO NEW LOCATION, SPOTTED, MOVED IN R/U PULLING UNIT, REV EQUIP AND ASSOCIATED EQUIP.

CONT MOVED IN R/U PULLING UNIT, REV EQUIP AND ASSOCIATED EQUIP. SIFN

CREW TRAVEL FROM LOCATION.

WELL SHUT IN, NO ACTIVITY.

Report Start Date: 1/8/2015

Com

WELL SHUT IN, NO ACTIVITY.

CREW TRAVEL TO LOCATION.

SM JSA REVIEW

CHECK WELL PRESSURE = 150 PSI ON CSG

FLOWBACK TO TANK.

CONT RU, REMOVE HORSEHEAD, STUFFING BOX AND L/D POLISH ROD. UNSEAT PUMP

MIRU PUMP TRUCK

PUMPED 65 BBL FW (250 DEGREE) @ 1 BPM FOLLOWED W/30 GALS PA 104 PARAFFIN DISPERSANT FLUSH LINES.

R/D MOVE OUT PUMP TRUCK

RD RIG FLOOR

POOH W/RODS. L/D PUMP.

**ROD DETAILS:** 

POLISHED ROD 1-1/2" - 22' (83) 7/8" X 25' RODS - 2075' (176) 3/4" X 25' RODS - 4400' (8) 1-1/2" X 25' KBAR - 200' (1) 7/8" ROD SUB - 4"

(1) ROD PUMP - 16'

TOTAL FEET: 6717'

ROD COND: GOOD /CPLG: GOOD

CREW LUNCH AND REVIEW JSAs.

RD RIG FLOOR. N/D WELL HEAD

RELEASE TAC.

N/U BOPE

R/U FLOOR.

PU 1 15' PUP JT 2 3/8 J55 4.7# WS

RIH TO TAG FILL F/~6735 - T/~6750'

POOH LD JT

PU RIH 5 1/2" 15.5 # PKR W/ 2 3/8 J55 4.7# WS

SET AT ~25' BELOW WH

TEST BOP RAMS TO 250; TEST NOT GOOD

THE STEM PACKING ON THE CSG GATE VALVE WAS LEEKING.

POOH INSTALLED A 4' PERATED SUB BELOW THE PKR. RIH PKR SET AT ~25' BELOW WH

SECURE WELL

DEBRIEF AND SIFN

CREW TRAVEL F/LOCATION

NO ACTIVITY AT WELL SITE

Report Start Date: 1/9/2015

WELL SHUT IN, NO ACTIVITY CREW TRAVEL TO LOCATION.

SM JSA REVIEW

Com

Page 1/8



FIRST RUN

FIRED BETWEEN 6332' - 6340' AND 6310' - 6320'

POOH LD GUNS, ALL SHOTS FIRED

Report Printed: 2/23/2016

Chevron	Summary Report		Major Rig Work Over (MRWO) Completion - Reconfigure Job Start Date: 1/7/2015 Job End Date: 1/19/2015	
Well Name	Lease Mottorn H.T. NCT.C	Field Name	Business Unit	
MATTERN, H.T. NCT-C 006 Ground Elevation (ft)   Original RKB (ft)	Mattern, H.T. NCT-C	Tubb Oil & Gas	Mid-Continent   Water Depth (ft)   Water Depth (ft)	
3,485.00 3,497.00			mad the the about (ii)	
		Com		
CHECK WELL PRESSURE = 0 PSI		Com		
CHANGE OUT WELL HEAD CSG GATE	VALVES			
TEST BOP RAMS TO 250/500 PSI; TES	T GOOD			
RELEASE, POOH, LD PKR AND 4' PER	FORATED SUB			
MIRU SCANNERS. HOLD JSA.				
POOH SCANNING WHILE PUMPING 20 POOH SCANNING 2-3/8" 4.7# J55	) BPH DWN THE BACKSIDE.			
STD 206 JTS YELLOW STD 6 JT BLUE (<25% WALL LOSS)				
PULLED 212 JTS TOTAL.				
R/D SCANNERS.				
MIRU WIRELINE UNIT. HOLD JSA				
PU RU LUBRICATOR, PRESSURE TST 250/500 PSI, TST GO	OD			
P/U, RIH 5 1/2" GAUGE RING (4.62)/ CO ENSURE CSG CLEAN AND CHECK FO				
РООН				
P/U, RIH 5 1/2" 10K RBP W/WIRELINE	AND SET AT ~6370'			
RETRIVE W/L				
TST RBP/CSG PUMP 132 BBL OF BW AT 4 BPM PRESSURE TST 500 PSI, TST GOOD				
P/U, RIH 40' SAND BAILER W/WIRELIN	IE T/~6365'			
DUMP 10' CMT				
РООН				
SECURE WELL DEBRIEF AND SIFN				
CREW TRAVEL F/LOCATION	7			
NO ACTIVITY AT WELL SITE				
Report Start Date: 1/10/2015				
WELL SHUT IN, NO ACTIVITY.		Com		
CREW TRAVEL TO LOCATION.				
SM JSA REVIEW				
CHECK WELL PRESSURE = 0 PSI				
PU RU LUBRICATOR, PRESSURE TST 250/500 PSI, TST GOO				
P/U, RIH RCBL TOOL T/~6336'				
LOGGED WELL F/6363 - T/SURFACE		De	ry 6204-6340	
CORRELATION GOOD. CORRELATED	TO WELEX SEPT 1975 LOG.	AND ARCHER JAN 2015 CCL.		
POOH LD TOOLS				

RIH WIRELINE W/ 1 11/16 PREF GUN 3 SPF (2 GUNS 24 SHOTS TTL) W/90 DEGREE PHASE W/19 GRAMS PREMIUM CHARGE.

Page 2/8



Major Rig Work Over (MRWO) Completion - Reconfigure Job Start Date: 1/7/2015 Job End Date: 1/19/2015

Well Name
MATTERN, H.T. NCT-C 006
Mattern, H.T. NCT-C
Ground Elevation (ft)
3,485.00

Original RKB (ft)
3,497.00

Current RKB Elevation

Field Name
Tubb Oil & Gas

Mid-Continent

Mud Line Elevation (ft)
Water Depth (ft)

Com

SECOND RUN

RIH WIRELINE W/ 1 11/16 PREF GUN 3 SPF (2 GUNS 30 SHOTS TTL) W/90 DEGREE PHASE, W/19 GRAMS PREMIUM CHARGE.

FIRED BETWEEN 6272' - 6282' AND 6240' - 6250'

POOH LD GUNS, ALL SHOTS FIRED

THRID RUN

RIH WIRELINE W/ 1 11/16 PREF GUN 3 SPF (3 GUNS 66 SHOTS TTL) W/90 DEGREE PHASE, W/19 GRAMS PREMIUM CHARGE.

FIRED BETWEEN 6228' - 6236' AND 6216' - 6222' AND 6204 - 6212

POOH LD GUNS, ALL SHOTS FIRED

LD LUBRICATOR RDMO W/L UNIT

MI R/U HYDROSTATIC TESTING EQUIPMENT.

TEST EQUIP T/4400 PSI = GOOD

CHANGED OUT BOPE RAMS TO 2 7/8"

PU RIH 5 1/2" 15.5 # PKR W/ 2 7/8 L80 6.5# WS SET AT ~25' BELOW WH

TEST BOP RAMS TO 250 PSI/500 PSI; TEST GOOD

POOH LD PKR

PU RIH 5 1/2" 12' PPI PKR, MECHANICAL COLLAR LOCATOR W/2 7/8 L80 6.5# WS HYDROTESTING TO 8000 PSI

F/SURFACE - T/~2520' (80 JTS)

R/D HYDROSTATIC EQUIPMENT.

SECURE WELL

DEBRIEF AND SIFN

CREW TRAVEL F/LOCATION

NO ACTIVITY AT WELL SITE

Report Start Date: 1/11/2015

WELL SHUT IN, NO ACTIVITY.

Report Start Date: 1/12/2015

WELL SHUT IN, NO ACTIVITY.

CREW TRAVEL TO LOCATION.

SM JSA REVIEW

CHECK WELL PRESSURE = 0 PSI

MI R/U HYDROSTATIC TESTING EQUIPMENT.

TEST EQUIP T/4400 PSI = GOOD.

PU RIH 5 1/2" 12' PPI PKR, MECHANICAL COLLAR LOCATOR W/2 7/8 L80 6.5# WS HYDROTESTING TO 8000 PSI

F/~2520' - T/6363' (198 JTS TTL)

R/D HYDROSTATIC EQUIPMENT.

LUNCH DISSCUSS PLAN FOWARD

INSTALL STRIPER HEAD

SPACE OUT PPI PKR W/2 7/8" L80 6.5# WS USING MECHANICAL COLLAR LOCATOR, CORRELATE WITH ARCHER CCL/CBL

TAGGED RBP AT 6363', PULL WS UP HOLE CAUGHT COLLAR AT 6356', CONT MEASURING AND MARKING DEPTHS ACCORDING TO PPI STAGE SCHEDULE.

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Com

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Major Rig Work Over (MRWO) Completion - Reconfigure Job Start Date: 1/7/2015 Job End Date: 1/19/2015

MATTERN, H.T. NCT-C 006 Mattern, H.T. NCT-C Tubb Oil & Gas Mid-Continent tion (ft) Original RKB (ft) 3,485.00 3,497.00 Water Depth (ft) Mud Line Elevation (ft)

LOAD WELL TST PPI PKR

TST CSG/TOP PKR TO 500 PSI. TST GOOD

RELEASE PRESSURE

PRESSURE TBG TO 1000 PSI TST BOTTOM PKR AND BOTTOM SEAT ON PPI TOOL. TST GOOD RELEASE PRESSURE

PICK UP WS TO NEUTURAL WEIGHT. UNSEAT STANDING VALVE ON LOWER SEAT. SET STANDING VALVE ON UPPER SEAT. PRESURE UP TO 1000 PSI, TST GOOD. RELEASE PRESSURE

Com

RELEASED PKR

SECURE WELL

DEBRIEF AND SIFN

CREW TRAVEL F/LOCATION

NO ACTIVITY AT WELL SITE

Report Start Date: 1/13/2015

WELL SHUT IN, NO ACTIVITY.

CREW TRAVEL TO LOCATION.

SM JSA REVIEW

CHECK WELL PRESSURE = 0 PSI

WAITING ON WEATHER TO CLEAR

SECURE WELL

DEBRIEF AND SIFN

OPERATIONS SUSPENDED DUE TO ICY CONDITIONS ON DERRICK AND INCLEMENT WEATHER.

CREW TRAVEL F/LOCATION

NO ACTIVITY AT WELL SITE

Report Start Date: 1/14/2015

WELL SHUT IN, NO ACTIVITY

CREW TRAVEL TO LOCATION.

SM JSA REVIEW

CHECK WELL PRESSURE = 0 PSI

JSA

MI R/U PETROPLEX ACID UNIT AND EQUP.

TESTING EQUIPMENT.
TEST EQUIP T/5000 PSI = GOOD.

SET BOTTOM OF PPI PKR AT 6343'

PRESSURED UP FORMATION W/FW TO 5400 PSI @ 2.1 BPM NO BREAK OPEN PORTS ON PKR AND CIRCULATED FW AND 17 BBLS OF ACID

SPOT 3 BBL ACID ON PREFS AT 2 BPM

SET PKR PRESSURED UP PREFS BROKE AT 3176 PSI AT 1 BPM

PREFS COMMUNICATED.

SHUT DOWN

RELEASED PKR AND MOVED SET PKR AT SECOND STAGE 6321'
PRESSURE UP PREF BROKE AT 1942 PSI @1.5 BPM

PUMPED 14 BBL ACID PUMP 5 BBL SPACER

RELEASE PKR TO BRAKE CONNECT LD 1 JT.

ACID SPRAY SAFETY STAND DOWN

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Major Rig Work Over (MRWO) Completion - Reconfigure Job Start Date: 1/7/2015 Job End Date: 1/19/2015

104 Wel ACID

Well Name ..- U06 non (ft) Onginal RKB (ft) 3,485.00 MATTERN, H.T. NCT-C 006 Mattern, H.T. NCT-C Tubb Oil & Gas Mid-Continent Ground Elevation (ft) Current RKB Elevation Mud Line Elevation (ft) Water Depth (ft) 3,497.00

RESET PKR AT SECOND STAGE 6321'

PUMPED 30 BBLS OF ACID INTO PREFS FOLLOWED WITH 35 BBL OF BW

OBSERVED WELL PRESSURE FOR 15 MIN. OPEN BLOW DOWN LINE, BLEED OFF PRESURE WELL BALANCED RELEASED PKR BREAK CONNECTION LD 1 JT, RIH TO THIRD STAGE 6283' SET PKR

PUMPED 8 BBL ACID, FORMATION BROKE AT 3259 PSI/2.1 BPM
FLUSH 36 BBL BW OBSERVED PRESSURE FOR 15 MIN. OPEN BLOW DOWN LINE, BLEED OFF PRESSURE WELL BALANCED
RELEASED PKR BREAK CONNECTION LD 1 JT, RIH TO FORTH STAGE 6251' SET PKR

PUMPED 3 BBL ACID, FORMATION BROKE AT 3420 PSI/2.1 BPM FORMATION COMMUNICATED.

FLUSH 30 BBL BW OBSERVED PRESSURE FOR 15 MIN. OPEN BLOW DOWN LINE, BLEED OFF PRESSURE WELL BALANCED

RELEASED PKR BREAK CONNECTION LD 1 JT, RUH TO 5TH STAGE 6238' SET PKR PUMPED 8 BBL ACID, FORMATION BROKE AT 768 PSI/2.1 BPM

RELEASED PKR, RUH TO 6TH STAGE 6226' SET PKR PUMPED 8 BBL ACID, FORMATION BROKE AT 1264 PSI/2.1 BPM RELEASED PKR, RUH TO 7TH STAGE 6214' SET PKR

PUMPED 8 BBL ACID, FORMATION BROKE AT 2678 PSI/2.1 BPM

FLUSH W/46 BBL BW

TTL FLUID 300 BBL AVG RATE 2.2 BPM MAX RATE 3.6 BPM

AVG PRESSURE 2400 PSI

MAX PRESSURE 5400 PSI

R/D PETROPLEX ACID UNIT AND EQUIPMENT

PUH TO 6189'. 15' ABOVE TOP PREFS

SECURE WELL

DEBRIEF AND SIFN

CREW TRAVEL F/LOCATION

NO ACTIVITY AT WELL SITE

Report Start Date: 1/15/2015

WELL SHUT IN, NO ACTIVITY.

CREW TRAVEL TO LOCATION.

SM JSA REVIEW

CHECK WELL PRESSURE = 0 PSI

INSPECT SANDLINE

PU RIH RETRIEVING TOOL W/SANDLINE

TAG STANDING VALVE AT ~6190°

POOH LD STANDING VALVE / RETRIEVING TOOL

RU SWABBING EQUOPMENT

BEGIN TO SWAB 1 @ 6189'

DETAILS

DETAILS:
SET 1 - 5 RUNS:
RUN 1 - BEGIN FLUID LEVEL - 200', 0% OIL CUT, VOL RECOVERED, 7 BBLS.
RUN 2 - BEGIN FLUID LEVEL - 1100', 0% OIL CUT, VOL RECOVERED, 7 BBLS.
RUN 3 - BEGIN FLUID LEVEL - 2077', 0 % OIL CUT, VOL RECOVERED, 7 BBLS.
RUN 4 - BEGIN FLUID LEVEL - 2077', 0 % OIL CUT, VOL RECOVERED, 7 BBLS.
RUN 5 - BEGIN FLUID LEVEL - 1400', 10 % OIL CUT, VOL RECOVERED, 7 BBLS.

TTL RUNS SINCE START OF SWAB - 5
TTL VOL RECOV'D SINCE START OF SWAB - 35 BBLS

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Major Rig Work Over (MRWO) Completion - Reconfigure Job Start Date: 1/7/2015 Job End Date: 1/19/2015

. - U06 Mon (ti) Original RKB (ti) 3,485,00 MATTERN, H.T. NCT-C 006 Mattern, H.T. NCT-C Tubb Oil & Gas Mid-Continent Ground Elevation (ft) Current RKB Elevation Mud Line Elevation (ft) Water Depth (ft) 3,497.00

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BEGIN TO SWAB 2 @ 6189'

DETAILS:

DETAILS:
SET 6 - 10 RUNS:
RUN 1 - BEGIN FLUID LEVEL - 1100', 10% OIL CUT, VOL RECOVERED, 7 BBLS.
RUN 2 - BEGIN FLUID LEVEL - 1100', 10% OIL CUT, VOL RECOVERED, 7 BBLS.
RUN 3 - BEGIN FLUID LEVEL - 2077' 10% OIL CUT, VOL RECOVERED, 7 BBLS.
RUN 4 - BEGIN FLUID LEVEL - 2600', 20 % OIL CUT, VOL RECOVERED, 7 BBLS.
RUN 5 - BEGIN FLUID LEVEL - 4800', 20 % OIL CUT, VOL RECOVERED, 7 BBLS.

TTL RUNS SINCE START OF SWAB - 10

TTL VOL RECOV'D SINCE START OF SWAB - 70 BBLS

BEGIN TO SWAB 3 @ 6189'

SET 11 - 12 RUNS: RUN 1 - BEGIN FLUID LEVEL - 5343', 25% OIL CUT, VOL RECOVERED, 3 BBLS. RUN 2 - BEGIN FLUID LEVEL - 5945', 0% OIL CUT, VOL RECOVERED, 0 BBLS.

TTL RUNS SINCE START OF SWAB - 12

TTL VOL RECOV'D SINCE START OF SWAB - 75 BBLS

INSPECT SANDLINE

ALLOW WELL TO RECOVER

BEGIN TO SWAB 3 @ 6189

DETAILS:

RUN 1 - BEGIN FLUID LEVEL - 5945', 0% OIL CUT, VOL RECOVERED, 0 BBLS.

TTL RUNS SINCE START OF SWAB - 13

TTL VOL RECOV'D SINCE START OF SWAB - 75 BBLS

BRIEF WOE ASIRE OF OUR PROGRESS WHO DIRECTED US TO POOH BEGIN RUN COMPLETION FOLIP

RD SWABBING EQUOPMENT

LOAD TBG WITH 42 BBL BW

RELEASED PKR

POOH STD BACK 2 7/8" L80 WS F/6189' - ~3354" (45 STD)

SECURE WELL

DEBRIEF AND SIFN

CREW TRAVEL F/LOCATION

NO ACTIVITY AT WELL SITE

Report Start Date: 1/16/2015

WELL SHUT IN, NO ACTIVITY.

CREW TRAVEL TO LOCATION.

SM JSA REVIEW

CHECK WELL PRESSURE = 0 PSI

CONT POOH STD BACK 2 7/8" L80 WS F/ ~3354" - T/SURFACE (53 STD)

LD 5 1/2" 12' PPI PKR

MECH COLLAR LOCATOR

REPLACE DRYERS ON PULLING UNIT

PU RIH RETRIEVAL HEAD WI 2 7/8" 6.5# L80 WS

TAG RBP @ 6363'

PU/RU PUMPIMG SWIVLE

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N/U WH LOWER FLOOR.

CREW TRAVEL F/LOCATION. GUST OF WIND 31 MPH WELL SHUT IN, NO ACTIVITY. Report Start Date: 1/18/2015

WELL SHUT IN, NO ACTIVITY. Report Start Date: 1/19/2015

LUNCH, WAIT ON WINDS TO DIE DOWN NOTIFY WOE ASIRE OF CONDITIONS

SECURE WELL, DEBRIEF AND DISCUSS PLAN FORWARD. SIFN

Report Printed: 2/23/2016

Chevron		mary Report	Completio Job Stal Job End	rk Over (MRWO) on - Reconfigure rt Date: 1/7/2015 Date: 1/19/2015
Well Name MATTERN, H.T. NCT-C 006	Mattern, H.T. NCT-C	Field Name Tubb Oil & Gas	Business Unit Mid-Continent	
Ground Elevation (ft) Original RKB (ft) 3,485.00 3,497.00	Current RKB Elevation	Tubb Oil & Gas	Mud Line Elevation (ft)	Water Depth (ft)
		Com		
CC TO 70 BBL BW @ 3 BMP CLNOUT ~7 SAND ATOP RBP		Cult		
RELEASED PKR WELL WENT TO VACUUM				
RD/LD PUMPIMG SWIVLE				
POOH LD 2 7/8" L80 WS LD 5 1/2" RBP RECONFIGURE BOPE RAMS	el ZBP			
F/ 2 7/8" T/ 2 3/8				
PU RIH 5 1/2" 15.5 # PKR W/ 2 3/8 J55	4.7# JT			
SET AT ~25' BELOW WH				
TEST BOP RAMS TO 250/500; TEST G	00D			
JSA MURU HYDROSTATIC HYDRO TEST TEST LINES AND EQUIP TO 5000 PSI,				
PU RIH PROD BHA W/ 2 3/8" 4.7# J55 F F/SURFACE - T/~2331'	PROD TBG, HYDRO TESTING TO	) 5000 PSI.		
SECURE WELL DEBRIEF AND SIFN				
CREW TRAVEL F/LOCATION				
NO ACTIVITY AT WELL SITE				
Report Start Date: 1/17/2015				
Well SI No Activity		Com	- 1 - 1 - 1 - 1 - 1	
CREW TRAVEL		298 HM AX	<del>-0 1-134</del>	
SM JSA REVIEW				
CHECK WELL PRESSURE = 0 PSI	·			
MI R/U HYDROSTATIC TESTING EQUIP TEST EQUIP T/5000 PSI = GOOD.	MENT.			· · · · · · · · · · · · · · · · · · ·
CONT RIH W/ 2-3/8" 4.7# J55 PROD TB STRING T/6738.91', TESTING TBG T/50				
TBG DETAILS: (194) 2-3/8" 4.7# J55 TBG JTS - 6076.51 (1) 2-3/8" 4.7# J55 TBG SUB - 3.70' (2) 2-3/8" 4.7# J55 TBG JTS - 63.56' TAC - 2.75' (16) 2-3/8" 4.7# J55 TBG JTS - 483.84' (2) 2-3/8" 4.7# J55 IPC TBG JTS - 65.00' SEAT NIPPLE - 1.10' PREF SUB - 3.70' MUD JT - 25.80' BULL PLUG95'				
R/D HYDROSTATIC EQUIPMENT.				
RAISE FLOOR AND N/D BOPE. SET TAC @ 6158', PULL 15 PTS ON TH TAC SET AND MET SPECIFICATION.	IE TBG APPRX 29" STRETCH AS	CALCULATED,		

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Major Rig Work Over (MRWO) Completion - Reconfigure Job Start Date: 1/7/2015 Job End Date: 1/19/2015

Well Name MATTERN, H.T. NCT-C 006 Mattern, H.T. NCT-C Tubb Oil & Gas Mid-Continent Ground Elevation (ft) Original RKB (ft) Current RKB Elevation Water Depth (ft) 3,485.00 3,497.00

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Well SI No Activity CREW TRAVEL

SM JSA REVIEW

CHECK WELL PRESSURE =400 PSI ON BACKSIDE. BLOW DOWN TO TANK

P/U AND RIH W/ 1-1/4" MECH TYPE PUMP, K-BARS, STEEL RODS, CHANGING OUT BOXES AS NEEDED T/6708' 13" FOR CALCULATED STRETCH, SPACE OUT ACCORDINGLY.

ROD DETAILS: (1) 1-1/2" POLISHED ROD - 22' (5) 7/8" X 12' FG SUB - 22' (107) 7/8" N90 RODS - 2675' (150) 3/4" N90 RODS - 3750' (9) 1-1/2" K-BARS - 225' (1) 7/8" X 4' GUIDED SUB - 4' 1-1/4" MECH TYPE PUMP - 16'

TOTAL FT - 6708'

20-125-RHBC-16-4

LOAD WELL = 16 BBLS. PRESSURE UP TO 500 PSI. HELD PRESSURE, BLED OFF TO 300 PSI. LONG STROKE W/ PU, GOOD PUMP ACTION.

MI RU NOLAN BRUNSON UNIT

ADJUST BRAKES AND ROLL WEIGHTS

HANG HORSEHEAD AND ATTACH BRIDLE, PRESSURE UP TO 500 PSI, PRESSURE HELD. BLED DWN T/300 PSI.

RD PULLING UNIT AND REV EQUIPMENT

STAND BY FOR PUMPER AND ELECTRIAN TO TEST WELL AND CONPLETE T/O OWNERSHIP FORM

SECURE WELL

RELEASE EQUIPMET

FINAL REPORT RELEASE RIG

TURN WELL SITE OVER TO PRODUCTION

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# Chevron

#### Wellbore Schematic

ield Name Business Unit MATTERN, H.T. NCT-C 006 Mattern, H.T. NCT-C Tubb Oil & Gas Mid-Continent Land - Original Hole, 2/23/2016 9:13 14 AM Job Details MD Job Category
Major Rig Work Over (MRWO) Rig/Unit End Date 1/19/2015 Start Date (ftKB) Vertical schematic (actual) 1/7/2015 **Casing Strings** Set Depth (MD) (ftKB) Wt/Len (lb/ft) 0 OD (in) Top Thread Surface 8 5/8 1.288 Production Casing 5 1/2 15.50 K-55 6,789 **Tubing Strings** 36 1 Casing Joint; 12-1,288; 1,276 00; 8 5/8; 8 097, 1-1 Tubing set at 6,738.9ftKB on 1/17/2015 10:00 1 288 1 Set Depth (MD) (ftKB) String Length (ft) 6,726.91 Tubing 1/17/2015 Tubing, 12-6,089; 6,076 51, 2 3/8; 1 995; 1-1 OD (in) Wt (lb/ft) Item Des Jts 194 Tubing 2 3/8 6,076.51 4.70 J-55 6.088.5 Casing Joint, 12-6,789, 6,777 00, 5 , 1/2; 4 950; 2-1 Tubing 2 3/8 4.70 J-55 3.70 6,092.2 Tubing 2 3/8 4.70 J-55 63.56 6,155.8 Tubing, 6,089-6,092, 3 70, 2 3/8, 1 995, 1-2 4.70 J-55 8 003 3 Tubing Anchor 1 2 3/8 2.75 6,158.5 Tubing, 6,092-6,156, 63 56: 2 3/8, 1 995, 1-3 Tubing 16 2 3/8 4.70 J-55 483.84 6,642.4 8 155 8 Tubing Anchor; 6,156-6,159; 2 75; 2 3/8; 2 000 1-4 Tubing 2 3/8 2 4.70 J-55 65.00 6,707.4 Mech Seal Nipple 1 2 3/8 1.10 6,708.5 Pref Sub 1 2 3/8 3 70 6.712.2 Shaped Charge, 6,204-6,212, 1/10/2015 Mud Joint 1 2 3/8 25.80 6,738.0 Bull Plug 2 3/8 1 0.95 6.738.9 Rod Strings Shaped Charge, 6,216-6,222 1/10/2015 Rod Detail on 1/19/2015 11:00 B 222 1 String Length (ft) 6,708.00 Rod Detail 1/19/2015 6,708.0 fi 226 0 Shaped Charge 6,228-6,236 1/10/2015 OD (in) Wt (lb/ft) Btm (ftKB) Polished Rod 1 1/2 22.00 22.0 Pony Rod 5 7/8 N-90 16.00 38.0 Norris 7/8 107 N-90 2.675.00 Shaped Charge, 6,240-6,250 2.713.0 1/10/2015 Norris 150 3/4 N-90 3,750.00 6,463.0 Sinker Bar 1 1/2 7.05 N-90 225.00 9 6.688.0 Shaped Charge, 6,272-6 282, 1/10/2015 Norris 1 7/8 N-90 4.00 6,692.0 B 252 2 Rod Insert Pump 6,708.0 1 1 1/4 16.00 Perforations Shaped Charge, 6,310-6,320 1/10/2015 Entered Shot Total 1/10/2015 6,204.0 6,212.0 3.0 24 Tubbs, Original Hole 1/10/2015 Shaped Charge; 6,332-6,340 1/10/2015 6,216.0 6.222.0 3.0 18 Tubbs, Original Hole 1/10/2015 📝 6,228.0 6,236.0 3.0 24 Tubbs, Original Hole Tubing, 6,159-6 642, 483 84, 2 3/8, 1.995, 1-5 1/10/2015 🟏 6.240.0 6.250.0 3.0 30 Tubbs, Original Hole 1/10/2015 6,272.0 6,282.0 3.0 30 Tubbs, Original Hole 1/10/2015 🗸 6,310.0 6,320.0 3.0 30 Tubbs, Original Hole Open Hole 6 482-6,710 1/10/2015 6.332.0 6,340.0 3.0 30 Tubbs, Original Hole Tubing, 6,642-6,707, 65 00 2 3/8, 1-6,482.0 6,710.0 Other Strings Pull Date Run Date Set Depth (ftKB) Com Mech Seal Nipple 6,707-6 708 1.10 Pref Sub, 6,708-6,712; 3,70; 2,3/8; 1-Mud Joint; 6,712-6,738; 25 80; 2 3/8, Bull Plug; 6,738-6,739; 0.95; 2.3/8; 1-Page 1/1 Report Printed: 2/23/2016



### **Tubing Summary**

Well Name	Lease	Field Name	Business Unit
MATTERN, H.T. NCT-C 006	Mattern, H.T. NCT-C	I —	Mid-Continent
Ground Elevation (ft)	Original RKB Elevation (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)
3,485.00	3,497.00		Trade Bopar(n)
Current KB to Ground (ft)	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)

Set Depth (TVD) (ftKB)

Top (ftKB)

12.0

6,088.5

6,092.2

6.155.8

6.158.5

6,642.4

6,707.4

6.708.5

6,712.2

6,738.0

Top (ftKB) Btm (ftKB) 0.0 22.0

22.0

38.0

2,713.0

6,463.0

6,688.0

6,692.0

Report Printed: 2/23/2016

Set Depth (TVD) (ftKB)

Pull Job

6,088.5

6,092.2

6,155.8

6,158.5

6,642.4

6,707.4

6,708.5

6.712.2

6,738.0

6,738.9

38.0

2,713.0

6,463.0

6.688.0

6,692.0

6,708.0

Pull Job

3.70

63.56

2.75

483 84

65.00

1.10

3.70

25.80

0.95

Len (ft)

22.00

16.00

2.675.00

3,750.00

225.00

4.00

16.00

