

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. C W ROBERTS 6
2. Name of Operator FOUR STAR OIL AND GAS COMPANY		9. API Well No. 30-039-22731-00-C1
3a. Address HOUSTON, TX 77252	3b. Phone No. (include area code) Ph: 505-333-1901 Fx: 505-334-7134	10. Field and Pool, or Exploratory BLANCO MESAVERDE W LINDRITH
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T25N R3W SWNE 1840FNL 1730FEL 36.400150 N Lat, 107.183045 W Lon		11. County or Parish, and State RIO ARRIBA COUNTY, NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Subsequent filing for HIT repair

3/25/2015

MIRU.

3/26/2015

LD Polish Rod, Work rods to 35K.

PU &amp; RIH w/ 6 rods, Seat pump. Talk to office about forward plan. Will attempt to hot water and pull rods.

R/U Hot Oil Unit, Load w/ water, Pump 75 bbls 220 deg water down casing. Attempt to pump down tbq, Pumped 7 bbls and pressured up, Pump additional 75 bbls down casing, Work rods to 35K, Pump down tbq, Pressure up, Pump additional 75 bbls down csg, could not free rods

RIH w/ rods to bottom, Backoff rods, shallow backoff, 2000 # on weight indicator

POOH w/ 32 rods, 800', box looking up, Secure well, SDFN

OIL CONS. DIV DIST. 3

APR 23 2015

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #298426 verified by the BLM Well Information System For FOUR STAR OIL AND GAS COMPANY, sent to the Rio Puerco Committed to AFMSS for processing by TROY SALYERS on 04/20/2015 (15TLS0007SE)</b>	
Name (Printed/Typed) JIM MICIKAS	Title PRODUCTION ENGINEER
Signature (Electronic Submission)	Date 04/16/2015

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	TROY SALYERS Title PETROLEUM ENGINEER	Date 04/20/2015
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Rio Puerco

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

NMOCDA

### 32. Additional remarks, continued

RU Specialty Banding, POOH, LD Hangar, Continue out w/ 12 jts tbg and pup jts w/ cap string banded

Backoff rods, POOH, LD 66 - 7/8" rods (98 total 7/8)  
POOH, LD 52 jts 2 3/8" tbg (77 total) to rods, EOT - 5537'. SDFN.

Spot in hot oil unit. Heat & pump 80bbls 2 %KCl to 200deg down casing. Unseat pump & lay down 1 rod. Pump 3bbls heated 2%KCl down tubing & pressured up to 1000psi. Pump additional 40bbls heated 2%KCl down casing, then 40bbls down tubing to clear tubing. POOH w/ 3/4" & 7/8" mixed rod string.

P/U & RIH w/ full joint mule shoe, SN, 90jts 2 -3/8", TAC, 32jts 2-3/8".

Spot in capillary string spooler & R/U. Continue P/U & RIH w/ 2-3/8" injection sub (set to open at 1500psi) & 1/4" capillary string banded to 120jts 2-3/8" production tubing. RIH to 8020' (EOT), tagged liner top @6005' & had to work tubing through. Finish RIH, space out w/ pup joint & set TAC @5022'.

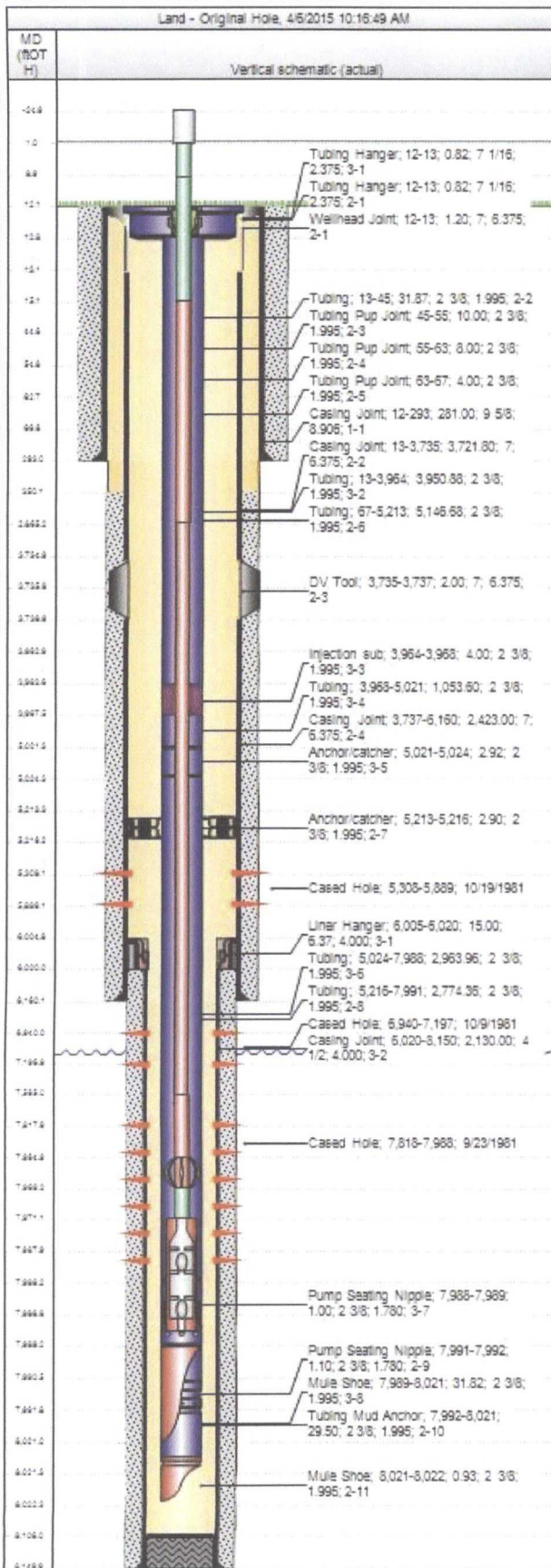
Remove pup joint, verify TAC set in 15000lbs tension & land tubing. N/U wellhead & pressure test to 1500psi. RDMO.

SEE ATTACHED WELLBORE DIAGRAM



# Wellbore Schematic

Well Name Roberts CW 06	Lease Roberts, C.W.	Field Name Basin (New Mexico)	Business Unit Mid-Continent
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## Job Details

Job Category	Start Date	Release Date
Major Rig Work Over (MRWO)	3/25/2015	4/3/2015

## Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftOTH)
Surface	9 5/8	36.00	K-55		293
Production Casing	7	23.00	K-55		6,160
Production Liner 1	4 1/2	11.60	K-55		8,150

## Tubing Strings

Tubing - Production set at 8,022.2ftOTH on 6/13/2011 08:30

Tubing Description	Run Date	String Length (ft)	Set Depth (MD) (ftOTH)
Tubing - Production	6/13/2011	8,010.16	8,022.2

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftOTH)
Tubing Hanger	1	7 1/16			0.82	12.8
Tubing	1	2 3/8	4.70	L-80	31.87	44.7
Tubing Pup Joint	1	2 3/8	4.70	L-80	10.00	54.7
Tubing Pup Joint	1	2 3/8	4.70	L-80	8.00	62.7
Tubing Pup Joint	1	2 3/8	4.70	L-80	4.00	66.7
Tubing	163	2 3/8	4.70	L-80	5,146.68	5,213.4
Anchor/catcher	1	2 3/8			2.90	5,216.3
Tubing	87	2 3/8	4.70	L-80	2,774.36	7,990.6
Pump Seating Nipple	1	2 3/8			1.10	7,991.7
Tubing Mud Anchor	1	2 3/8	4.70	L-80	29.50	8,021.2
Mule Shoe	1	2 3/8	4.70	L-80	0.93	8,022.2

Tubing - Production set at 8,021.0ftOTH on 4/2/2015 18:30

Tubing Description	Run Date	String Length (ft)	Set Depth (MD) (ftOTH)
Tubing - Production	4/2/2015	8,009.00	8,021.0

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftOTH)
Tubing Hanger		7 1/16			0.82	12.8
Tubing	120	2 3/8	4.70	L-80	3,950.88	3,963.7
Injection sub		2 3/8	4.70	L-80	4.00	3,967.7
Tubing	32	2 3/8	4.70	L-80	1,053.60	5,021.3
Anchor/catcher		2 3/8			2.92	5,024.2
Tubing	90	2 3/8	4.70	L-80	2,963.96	7,988.2
Pump Seating Nipple		2 3/8			1.00	7,989.2
Mule Shoe		2 3/8	4.70	L-80	31.82	8,021.0

## Rod Strings

Long Rod on 4/3/2015 18:30

Rod Description	Run Date	String Length (ft)	Set Depth (ftOTH)
Long Rod	4/3/2015	8,014.00	7,989.0

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftOTH)
Polished Rod	1	1 1/4			26.00	1.0
Pony Rod	1	7/8			8.00	9.0
Pony Rod	1	7/8			6.00	15.0
Sucker Rod	114	7/8	2.22	C	2,850.00	2,865.0
Sucker Rod	188	3/4	1.63	C	4,700.00	7,565.0
Sucker Rod	16	7/8	2.22	C	400.00	7,965.0
Stabilizer Rod	1	7/8			4.00	7,969.0
Pony Rod	1	7/8			2.00	7,971.0
Rod Pump	1	1 3/4			18.00	7,989.0

## Perforations

Date	Top (ftOTH)	Btm (ftOTH)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
10/19/1981	5,308.0	5,889.0	1.0	53	Mesa Verde, Original Hole
10/9/1981	6,940.0	7,197.0	1.0	94	Gallup, Original Hole
9/23/1981	7,818.0	7,988.0	1.0	38	Dakota, Original Hole

## Other Strings

Run Date	Pull Date	Set Depth (ftOTH)	Com
6/13/2011	3/26/2015	415.0	

## Other In Hole

Des	Top (ftOTH)	Btm (ftOTH)	Run Date	Pull Date	Com
Capillary String	12.0	415.0	6/13/2011	3/26/2015	
Capillary string	12.0	3,963.0	4/2/2015		Injection sub