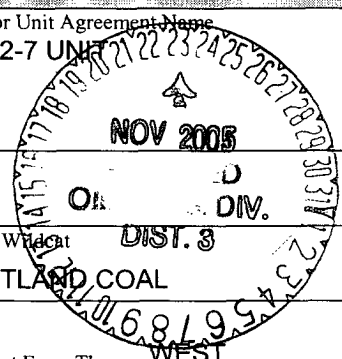


Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 1301 W. Grand Avenue, Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 1220 S. St. Francis Dr., Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised June 10, 2003  <b>WELL API NO.</b> <b>30-045-33029</b>  <b>5. Indicate Type of Lease</b> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>  <b>State Oil &amp; Gas Lease No.</b>
--	---	--

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

<b>1a. Type of Well:</b> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____  <b>b. Type of Completion:</b> NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. WELL OVER <input type="checkbox"/> BACK RESVR. <input type="checkbox"/> OTHER _____  <b>2. Name of Operator</b> ConocoPhillips Company  <b>3. Address of Operator</b> 5525 Highway 64 Farmington, NM 87401  <b>4. Well Location</b> Unit Letter <u>L</u> : <u>2004</u> Feet From The <u>SOUTH</u> Line and <u>444</u> Feet From The <u>WEST</u> Line Section <u>17</u> Township <u>32N</u> Range <u>7W</u> NMPM <u>SAN JUAN</u> County	<b>7. Lease Name or Unit Agreement Name</b> SAN JUAN 32-7 UNIT  <b>8. Well No.</b> 246  <b>9. Pool name or Wellcat</b> BASIN FRUITLAND COAL  																																																																															
<b>10. Date Spudded</b> 09/20/2005  <b>11. Date T.D. Reached</b> 10/15/2005  <b>12. Date Compl. (Ready to Prod.)</b> 11/04/2005  <b>13. Elevations (DF&amp; RKB, RT, GR, etc.)</b> 6307 GL  <b>14. Elev. Casinghead</b>   <b>15. Total Depth</b> 3452  <b>16. Plug Back T.D.</b> 3450  <b>17. If Multiple Compl. How Many Zones?</b> Single  <b>18. Intervals Drilled By</b> Rotary Tools Cable Tools X  <b>19. Producing Interval(s), of this completion - Top, Bottom, Name</b> 3052-3356 Basin Fruitland Coal  <b>20. Was Directional Survey Made</b> Yes  <b>21. Type Electric and Other Logs Run</b> Mud Logs  <b>22. Was Well Cored</b> No	<b>23. CASING RECORD (Report all strings set in well)</b> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT LB./FT.</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>9.625 H-40</td> <td>32.3</td> <td>230</td> <td>12.25</td> <td>150 sx</td> <td>0</td> </tr> <tr> <td>7.0 J-55</td> <td>23.0</td> <td>3043</td> <td>8.75</td> <td>455 sx</td> <td>10 bbls</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <tr> <th colspan="4">24. LINER RECORD</th> <th colspan="3">25. TUBING RECORD</th> </tr> <tr> <th>SIZE</th> <th>TOP</th> <th>BOTTOM</th> <th>SACKS CEMENT</th> <th>SIZE</th> <th>DEPTH SET</th> <th>PACKER SET</th> </tr> <tr> <td>5.5</td> <td>2997</td> <td>3452</td> <td>0</td> <td>2.375</td> <td>3376</td> <td> </td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> <div style="margin-top: 5px;"> <b>26. Perforation record (interval, size, and number)</b>          3052-3356; 0.75"; 276 Holes   <b>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b>  <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td> </td> <td>Underreamed 6.25" hole to 9.5"</td> </tr> <tr> <td> </td> <td>from 3050'-3452'. This well</td> </tr> <tr> <td> </td> <td>was cavitated.</td> </tr> </table> </div>	CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9.625 H-40	32.3	230	12.25	150 sx	0	7.0 J-55	23.0	3043	8.75	455 sx	10 bbls																			24. LINER RECORD				25. TUBING RECORD			SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET	5.5	2997	3452	0	2.375	3376																DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED		Underreamed 6.25" hole to 9.5"		from 3050'-3452'. This well		was cavitated.
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																																																																											
9.625 H-40	32.3	230	12.25	150 sx	0																																																																											
7.0 J-55	23.0	3043	8.75	455 sx	10 bbls																																																																											
24. LINER RECORD				25. TUBING RECORD																																																																												
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET																																																																										
5.5	2997	3452	0	2.375	3376																																																																											
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																																																																															
	Underreamed 6.25" hole to 9.5"																																																																															
	from 3050'-3452'. This well																																																																															
	was cavitated.																																																																															

**28. PRODUCTION**

Date First Production 11/04/2005	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Shut-in
Date of Test 11/03/2005	Hours Tested 1	Choke Size 2" Pitot
Flow Tubing Press. n/a	Casing Pressure 28 psi	Calculated 24-Hour Rate
Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 1644
Water - Bbl. 3 bbl	Gas - Oil Ratio	Oil Gravity - API - (Corr.)

**29. Disposition of Gas (Sold, used for fuel, vented, etc.)**  
 Sold

**30. List Attachments**  
 Daily Summary Report and Wellbore Schematic

**31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief**

Signature <i>Juanita Farrell</i>	Printed Name Juanita Farrell	Title Regulatory Analyst	Date 11/18/2005
E-mail Address juanita.r.farrell@conocophillips.com			

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo 1930	T. Penn "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland 2040	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Top Coal MD 3052
T. Blinebry	T. Gr. Wash	T. Morrison	T. B. Main Coal MD 3219
T. Tubb	T. Delaware Sand	T. Todilto	T. PC Tongue MD 3263
T. Drinkard	T. Bone Springs	T. Entrada	T. B. Lowest Coal MD 3168
T. Abo	T.	T. Wingate	T. Top PCCF MD 3388
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....  
No. 2, from.....to..... No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

# Regulatory Summary

## SAN JUAN 32 7 UNIT #246

**Initial Completion, 10/13/2005 00:00**

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
300453302900	San Juan	NEW MEXICO	NMPM-32N-07W-17-L	2,004.00	S	444.00	W
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,307.00	36° 58' 41.844" N	107° 35' 50.64" W	9/20/2005				

**10/13/2005 07:00 - 10/13/2005 19:00**

**Last 24hr Summary**

Safety meeting & JSA reviews @ start of all operations. Load out equipment on floats. Moving rig & equipment to location. Move in & spot rig & equipment. Long rig move. Secured location & SDON.

**10/14/2005 07:00 - 10/14/2005 19:00**

**Last 24hr Summary**

Safety meeting & JSA reviews @ start of all operations. RU rig & equipment. NU bop's & RU all ground lines. Test 7" csg, blind rams, pipe ram's, HCR valve's, choke manifold. PU & tally pipe on pipe rack. GIH PU BHA, DC's and DP to 2,950'. Secured location & SDON.

**10/15/2005 07:00 - 10/16/2005 06:00**

**Last 24hr Summary**

Safety meeting & JSA reviews @ start of all operations. NU power swivel. Unload hole w/ air assist. Drill out cmt, 7" f.c. & 7" shoe to intermediate td @ 3,050'. Drill out coal interval f/ 3,050' - t/ 3,452' td w/ air assist. R&R c/o to td, blow well dry. PUH inside 7" csg w/ bha to test well.

**10/16/2005 06:00 - 10/17/2005 06:00**

**Last 24hr Summary**

Safety meeting & jsa review's @ start of all operations & crew changes. Flow & shut in test of well. RD power swivel. COOH w/ pipe & bha. PU & mu under-reamer. RIH w/ bha & dp. PU power swivel. Under-ream hole to td. PUH inside 7" csg w/ bha. RD power swivel. COOH w/ pipe & bha. Lay down under-reamer & pu bit. RIH w/ bha & dp. PU power swivel. R&R c/o to 3,358' w / air assist.

**10/17/2005 06:00 - 10/18/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
r&r c/o to td @ 3,452' w / air assist.  
puh inside 7" csg w / bha.  
test well,  
surge well w / air assist.  
r&r c/o t/ 3,264' w / air assist.

**10/18/2005 06:00 - 10/19/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
r&r c/o to 3,358' bottom coal w / air assist.  
puh inside 7" csg w / bha.  
surge well w / air assist.  
r&r c/o to 3,327' w / air assist.

**10/19/2005 06:00 - 10/20/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
r&r c/o to bottom of coal @ 3,358' w / air assist.  
puh inside 7" csg w / bha.  
surge well w / air assist.  
r&r c/o t/ 3,202' w / air assist.

**10/20/2005 06:00 - 10/21/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
r&r c/o t/ 3,358' w / air assist.  
puh inside 7" csg w / bha.  
test well.  
surge well w / air assist.  
r&r c/o t/ 3,107' w / air assist.

**10/21/2005 06:00 - 10/22/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
r&r c/o t/ 3,326' w / air assist

**10/22/2005 06:00 - 10/23/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
r&r c/o t/ 3,326' w / air assist.  
puh inside 7" csg w / bha.  
service rig all equipment.  
r&r c/o t/ 3,358' w / air assist.

**10/23/2005 06:00 - 10/24/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
 r&r c/o t/ 3,358' w / air assist.  
 puh inside 7" csg w / bha.  
 surge well w / air assist.  
 r&r c/o t/ 3,170' w / air assist.

**10/24/2005 06:00 - 10/25/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
 r&r c/o t/ 3,233' w / air assist.

**10/25/2005 06:00 - 10/26/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
 r&r c/o t/ 3,358' w / air assist.

**10/26/2005 06:00 - 10/27/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
 r&r c/o t/ 3,358' w / air assist.  
 puh inside 7" csg w / bha.  
 flow & shut in test.  
 surge well w / air assist.  
 r&r c/o t/ 3,170' w / air assist.

**10/27/2005 06:00 - 10/28/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
 r&r c/o t/ 3,202' w / air assist.

**10/28/2005 06:00 - 10/29/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
 r&r c/o t/ 3,233' w / air assist.

**10/29/2005 06:00 - 10/30/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
 r&r c/o t/ 3,358' w / air assist.

**10/30/2005 06:00 - 10/31/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
 r&r c/o t/ 3,358' w / air assist.  
 puh inside 7" csg w / bha.  
 flow & shut in test of well.  
 surge well w / natural formation pressure.  
 r&r c/o t. 3,202' w / air assist.

**10/31/2005 06:00 - 11/1/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
 r&r c/o & condition hole for liner t/ 3,452' td w / air assist.

**11/1/2005 06:00 - 11/2/2005 06:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
 r&r c/o & condition hole to td @ 3,452' w / air assist.  
 puh inside 7" csg w / bha, short trip to check hole condition.  
 flow well natural out blooie line's to check hole condition.  
 r&r c/o & condition hole to td @ 3,452' w / air assist.  
 puh inside 7" csg w / bha.  
 hang back power swivel.  
 cooh w / pipe.

## Regulatory Summary

**ConocoPhillips**

**SAN JUAN 32 7 UNIT #246**

**11/2/2005 06:00 - 11/2/2005 19:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
cooh w / pipe.  
ru 5 1/2" equipment.  
test 5 1/2" ram's.  
pu liner & h-latch collar.  
rih w / bha & pipe.  
release off h-latch collar w / 6 1/4" bit set @ td 3,452'.  
cooh laying down pipe.  
secured well & location.  
S.D.O.N.

**11/3/2005 07:00 - 11/3/2005 19:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
had 700# on csg.  
ru blue jet equipment.  
test lubricator.  
rih & perf 5 1/2" liner.  
rd blue jet equipment.  
ru 2 3/8" equipment.  
test 2 3/8" ram's.  
gih pu bha & tubing.  
c/o to pbtd @ 3,450' w / air assist.  
puh & land hanger w / tubing set @ 3,410'.  
nd bop's & nu pumping wellhead.  
secured well & location = S.D.O.N.

**11/4/2005 07:00 - 11/4/2005 18:00**

**Last 24hr Summary**

safety meeting & jsa review's @ start of all operation's & crew change's.  
ru rod equipment, & spot in rod float.  
run pump & rod's.  
space out & test, hang off on stuffin box.  
rd & release rig & equipment.  
secured well & location = S.D.O.N.  
job complete - drop from report.

Well Name: San Juan 32-7 #246  
 API #: 30-045-33029  
 Location: 2004' FSL & 444' FWL  
 Sec. 17 - T32N - R7W  
 San Juan County, NM  
 Elevation: 6307' GL (above MSL)  
 Dri Rig RKB: 13' above Ground Level  
 Datum: Dri Rig RKB = 13' above GL

Note - this well is equipped with rods & pump  
 7-1/16" 3M x 2-3/8" EUE 8rd Bonnet  
 11" 3M x 7-1/16" 3M Tubing Head  
 9-5/8" 8 RD x 11" 3M Casing Head

Patterson Rig: #747  
 Spud: 20-Sep-05  
 Spud Time: 2:00  
 Release Dri Rig: 26-Sep-05  
 Time Release Rig: 16:00  
 Move In Cav Rig: 10/13/2005  
 Release Cav Rig: 11/4/2005

**Surface Casing**

Date set: 20-Sep-05

☒ New  
☐ Used

Size 9 5/8 in  
 Set at 230 ft # Jnts: 5  
 Wt. 32.3 ppf Grade H-40  
 Hole Size 12 1/4 in Conn. STC  
 Excess Cmt 125 %  
 T.O.C. SURFACE

Csg Shoe 230 ft

TD of 12-1/4" hole 238 ft

Notified BLM @ NA hrs on NA  
 Notified NMOCD @ 20:10 hrs on 18-Sep-05

**Intermediate Casing**

Date set: 26-Sep-05

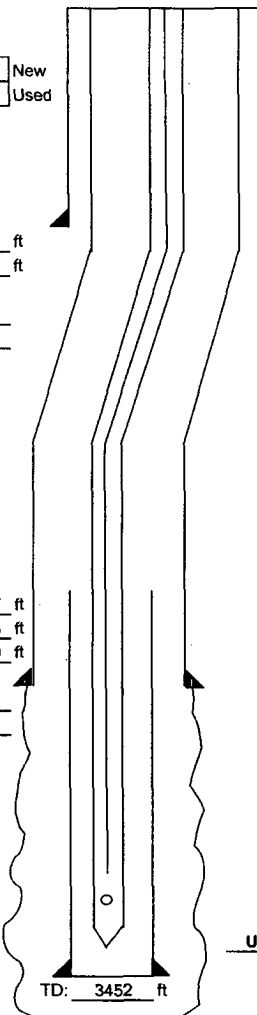
☒ New  
☐ Used

Size 7 in 72 jts  
 Set at 3043 ft 0 pups  
 Wt. 23 ppf Grade J-55  
 Hole Size 8 3/4 in Conn. LTC  
 Excess Cmt 160 %  
 T.O.C. SURFACE Top of Float Collar 2997 ft  
 Bottom of Casing Shoe 3043 ft  
 Pup @ TD of 8-3/4" Hole 3050 ft  
 Pup @ ft  
 Notified BLM @ NA hrs on NA  
 Notified NMOCD @ 02:00 hrs on 25-Sep-05

**Production Liner**

Date set: 15-Oct-05

Size 5 1/2 in  
 Nominal Wt. 15.5 ppf  
 Grade J-55  
 # Jnts: 10  
 Hole Size 6.25/9.5 inches  
 Underreamed 6-1/4" hole to 9.5" from 3050' to 3452'  
 Top of Liner 2997 ft  
 PBDT 3450 ft  
 Bottom of Liner 3452 ft

**Surface Cement**

Date cm'd: 20-Sep-05

Lead: 150 sx Class G Cement  
 + 3% Calcium Chloride  
 + 0.25 lb/sx Flocele  
 1.21 cuft/sx, 181.0 cuft slurry at 15.6 ppg

Displacement: 15.0 bbls fresh wtr

Bumped Plug at: 17:39 hrs w/ 247 psi

Final Circ Press: 78 psi @ 1.75 bpm

Returns during job: NO

CMT Returns to surface: 0 bbls

Floats Held: No floats used

W.O.C. for 8.00 hrs (plug bump to start NU BOP)

W.O.C. for 10.00 hrs (plug bump to test csg)

**Intermediate Cement**

Date cm'd: 26-Sep-05

Lead: 355 sx Standard Cement  
 + 3% Econolite  
 + 0.25 lb/sx Flocele  
 + 10 lb/sk Gilsonite

2.91 cuft/sx, 1033 cuft slurry at 11.5 ppg

Tail: 100 sx 50/50 POZ: Standard cement

+ 2% Bentonite

+ 2% Calcium Chloride

+ 5 lb/sx Gilsonite

+ 0.25 lb/sx Flocele

1.33 cuft/sx, 133 cuft slurry at 13.5 ppg

Displacement: 118 bbls

Bumped Plug at: 04:30 hrs w/ 1042 psi

Final Circ Press: 93 psi @ 2 bpm

Returns during job: YES

CMT Returns to surface: 10 bbls

Floats Held: X Yes No

**Uncemented Liner**

Schematic prepared by:  
 Michael Neuschafer, Drilling Engineer  
 18-Nov-2005

**COMMENTS:**

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 ft above the guide shoe @ 186'. Displaced top wiper plug with water. WOC 8 hours prior to temperature survey. Temperature survey CENTRALIZERS @ 220', 142', 99' & 56'. Total: 4
7" Intermediate	DISPLACED W/ 118 BBLs. MUD TANDEM RISE CENTRALIZERS @ 3033', 2954', 2871', 2786', 2702', 2616', 2530', 2447', 2361', 2275', 461', 376', 293', 211', 85', 43'. Total: 16 TURBOLIZERS @ 2233', 2189', 2147', 2104'. Total: 4
5.5" Liner	Ran 6 1/4" Button Bit and bit sub on bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hanger).
Perforations	Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes Perf. Intervals: 3352'-3356', 3336'-3342', 3212'-3219', 3178'-3198', 3172'-3178', 3100'-3104', 3074'-3084', & 3052'-3064'. : Total 276 holes
Tubing	2 1/16" saw tooth collar attached to 1 1/2" FN, XO, 31.7" x 2 3/8" mud anchor with 1/2" hole drilled near collar, and 2 3/8" x 1.78" FN. Run with 107 joints 2 3/8" 4.7 ppf J-55 EUE tubing. Bottom of Saw Tooth Collar at 3410'. Top of F-Nipple at 3376' MD RKB.
Pump & Rods	2" x 1-1/2" x 14' RWAC-ZDV insert pump, 11 each 1 1/4" x 25' sinker bars, 82 ea 25' x 3/4" guided rods and 41 ea 25' x 7/8" guided rods. Spaced out with 6' of pony rod. Run with 22' x 1 1/4" Polished rod. Set pump in F-Nipple at 3376' RKB.