

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Golinski 4-24B5					
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> ALTAMONT					
<b>4. TYPE OF WELL</b> Oil Well <input checked="" type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>					
<b>6. NAME OF OPERATOR</b> EP ENERGY E&P COMPANY, L.P.						<b>7. OPERATOR PHONE</b> 713 997-5038					
<b>8. ADDRESS OF OPERATOR</b> 1001 Louisiana, Houston, TX, 77002						<b>9. OPERATOR E-MAIL</b> maria.gomez@epenergy.com					
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> Fee			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Thomas and Patricia Golinski						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 360-437-7903					
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 154 Shine Road, Port Ludlow, WA 98365						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>					
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>			
LOCATION AT SURFACE		954 FSL 1323 FEL		SW/SE	24	2.0 S	5.0 W	U			
Top of Uppermost Producing Zone		954 FSL 1323 FEL		SW/SE	24	2.0 S	5.0 W	U			
At Total Depth		954 FSL 1323 FEL		SW/SE	24	2.0 S	5.0 W	U			
<b>21. COUNTY</b> DUCHESNE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 154			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640					
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Approved For Drilling or Completed)</b> 1700			<b>26. PROPOSED DEPTH</b> MD: 13500 TVD: 13500					
<b>27. ELEVATION - GROUND LEVEL</b> 6326			<b>28. BOND NUMBER</b> 400JU0708			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Duchesne City / Upper County Water					
<b>Hole, Casing, and Cement Information</b>											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight	
COND	20	13.375	0 - 1000	54.5	J-55 LT&C	9.5	Class G	1243	1.15	15.8	
SURF	12.25	9.625	0 - 5550	40.0	N-80 LT&C	10.0	Premium Lite High Strength	817	3.16	11.0	
							Premium Lite High Strength	191	1.33	14.2	
I1	8.75	7	0 - 10450	29.0	P-110 LT&C	12.8	Premium Lite High Strength	313	2.31	12.0	
							Premium Lite High Strength	92	1.91	12.5	
L1	6.125	4.5	10250 - 13500	13.5	P-110 LT&C	12.8	50/50 Poz	263	1.45	14.3	
<b>ATTACHMENTS</b>											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
<b>NAME</b> Maria S. Gomez				<b>TITLE</b> Principle Regulatory Analyst				<b>PHONE</b> 713 997-5038			
<b>SIGNATURE</b>				<b>DATE</b> 05/04/2012				<b>EMAIL</b> maria.gomez@epenergy.com			
<b>API NUMBER ASSIGNED</b> 43013514040000				<b>APPROVAL</b>   Permit Manager							

**Golinski 4-24B5  
Sec. 24, T2S, R5W  
DUCHESNE COUNTY, UT**

**EP ENERGY E&P COMPANY, L.P.**

**DRILLING PROGRAM**

**1. Estimated Tops of Important Geologic Markers**

<u>Formation</u>	<u>Depth</u>
Green River (GRRV)	5,539'
Green River (GRTN1)	6,194'
Mahogany Bench	7,229'
L. Green River	8,700'
Wasatch	10,350'
T.D. (Permit)	13,500'

**2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	5,539'
	Green River (GRTN1)	6,194'
	Mahogany Bench	7,229'
Oil	L. Green River	8,700'
Oil	Wasatch	10,350'

**3. Pressure Control Equipment: (Schematic Attached)**

A 4.5" by 20.0" rotating head on structural pipe from surface to 1000'. A 5M BOP stack, 5M kill lines and choke manifold used from 1000' to 5,550'. A 5M BOP stack, 5M kill lines and choke manifold used from 5,550' to 10,450'. A 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 10,450' to TD. The BOPE and related equipment will meet the requirements of the 5M and 10M system

**OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:**

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 5M spool, 11" x 5M psi BOP and 5M psi Annular will be nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test and 4,000 psi high test. The 10M BOP will be installed

with 3 ½" pipe rams, blind rams, mud cross and rotating head from intermediate shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

**Statement on Accumulator System and Location of Hydraulic Controls:**

Precision Rig # 406 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M psi systems.

**Auxiliary Equipment:**

- A) Pason Gas Detector 1,000' to TD
- B) Mud logger with gas monitor – 5,550' to TD
- C) Choke manifold with one manual and one hydraulic operated choke
- D) Full opening floor valve with drill pipe thread
- E) Upper and lower Kelly cock
- F) Shaker, centrifuge and de-sander.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Wellbore Diagram.

All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations will be based on

Cement design calculations will be based on gauge hole volumes plus excess (see planned excess below). Actual volumes pumped will be the planned volume on the surface and intermediate sections and caliper plus excess on the production section.

Surface Casing: 75% Excess on Lead and 50% Excess on Tail  
 Intermediate Casing: 10% Excess on Lead and 10% Excess on Tail  
 Production: 25% Excess

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.8 – 9.5
Intermediate	WBM	9.5 – 10.0
Production	WBM	10.0 – 12.8

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Logs:

Mud Log: 5,550 - TD.

Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from base of surface casing to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 13,500' TD equals approximately 8,986 psi. This is calculated based on a 0.6656 psi/foot gradient (14 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 6,016 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 10,450' = 8,360 psi

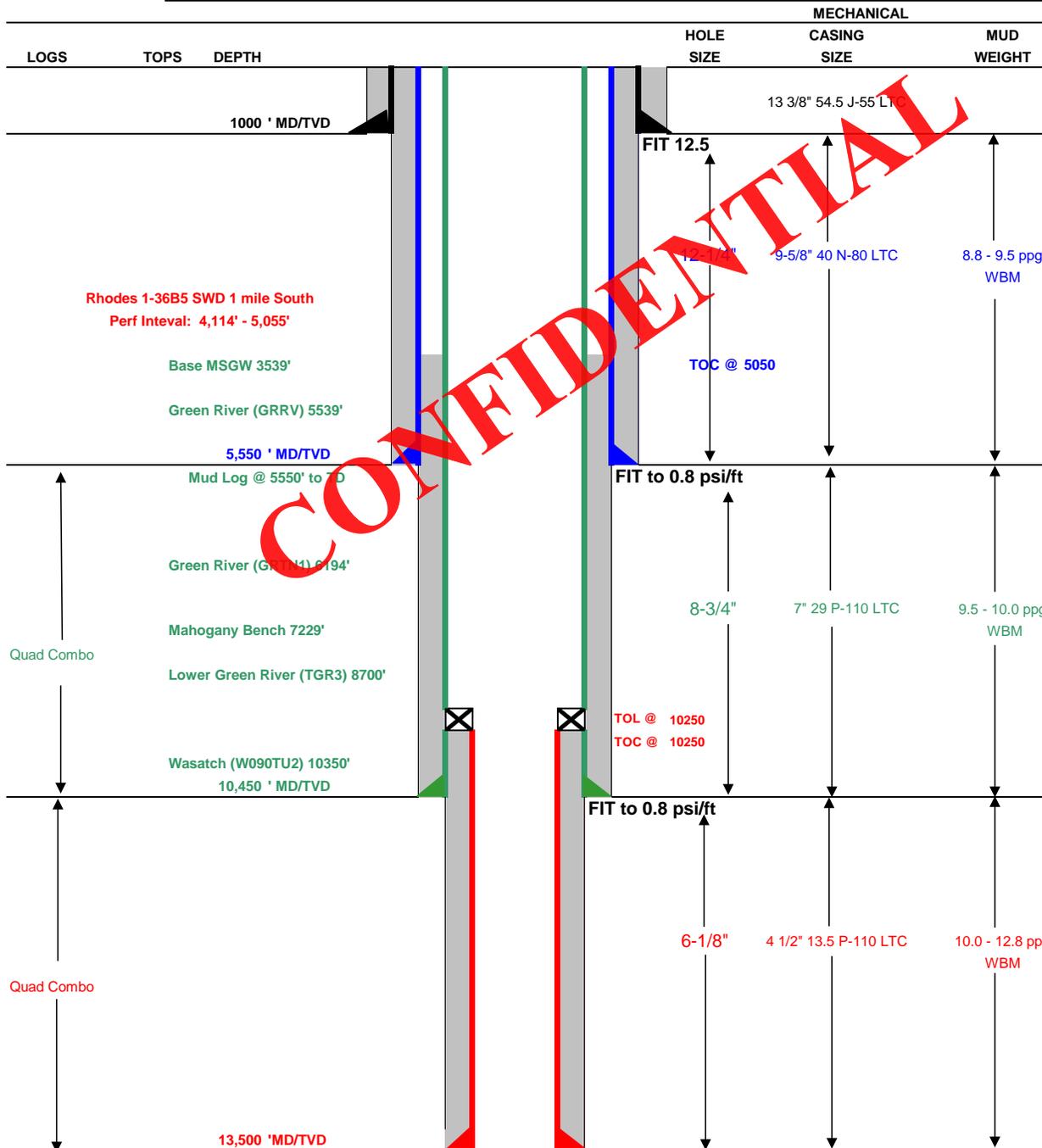
BOPE and casing design will be based on the lesser of the two MASPs which is 6,016 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**



Drilling Schematic

<b>Company Name:</b> EP ENERGY E&P COMPANY, L.P.	<b>Date:</b> March 27, 2012
<b>Well Name:</b> Golinski 4-24B5	<b>TD:</b> 13,500
<b>Field, County, State:</b> Altamont - Bluebell, Duchesne, Utah	<b>AFE #:</b>
<b>Surface Location:</b> Sec 24 T2S R5W 954' FSL 1323' FEL	<b>BHL:</b> Straight Hole
<b>Objective Zone(s):</b> Green River, Wasatch	<b>Elevation:</b> 6326
<b>Rig:</b> Precision drilling 406	<b>Spud (est.):</b> September 1, 2012
<b>BOPE Info:</b> 5.0 x 13 3/8 rotating head from 1000 to 5550 11 5M BOP stack and 5M kill lines and choke manifold used from 5500 to 10450 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10450 to TD	



**DRILLING PROGRAM**

**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0 1000	54.5	J-55	LTC	2,730	1,140	1,399
SURFACE	9-5/8"	0 5550	40.00	N-80	LTC	3,090	5,750	820
INTERMEDIATE	7"	0 10450	29.00	P-110	LTC	11,220	8,530	797
PRODUCTION LINER	4 1/2"	10250 13500	13.50	P-110	LTC	12,410	10,680	338

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		1000	Class G + 3% CACL2	1243	100%	15.8 ppg	1.15
SURFACE	Lead	5,050	Halco-light premium+3 lbm/sk Silicate+0.8% Econolite+2% Salt+2 lbm/sk Kol-Seal+0.25 lb/sk Kwik Seal	817	75%	11.0 ppg	3.16
	Tail	500	Halco-light premium+3 lb/sk Silicate+0.3% Econolite+1% Salt+0.25 lbm/sk Kol-Seal+0.24 lb/sk Kwik Seal+HR-5	91	50%	14.2 ppg	1.33
INTERMEDIATE	Lead	4,400	Hallco-Light-Premium+2% Bentonite+0.4% Econolite+0.2% Halad322+3 lb/sk Silicalite Compacted+0.2% HR-5+ 0.125 lb/sk Poly-E-Flake	313	10%	12.0 ppg	2.31
	Tail	1,000	Hallco-Light-Premium+0.2% Econolite+0.3% Versaset+0.2% Halad322+0.8% HR-5+ 0.3% SuperCBL+ 0.125 lb/sk Poly-E-Flake	92	10%	12.5 ppg	1.91
PRODUCTION LINER		3,250	Halco- 50/50 Poz Premium Cement+20% SSA-1+0.3% Super CBL+ 0.3% Halad-344+0.3% Halad-413+ 0.2% SCR-100+ 0.125 lb/sk Poly-E-Flake + 3 lb/sk Silicat	263	25%	14.30	1.45

**FLOAT EQUIPMENT & CENTRALIZERS**

CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at 8,000'.
LINER	Float shoe, 1 joint, float collar. Rigid centralizer every other joint. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Joe Cawthorn 713-420-5929

MANAGER: Scott Palmer

**EL PASO E&P COMPANY, L.P.**  
**GOLINSKI 4-24B5**  
**SECTION 24, T2S, R5W, U.S.B.&M.**

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 7.94 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL WESTERLY ON GRAVEL ROAD 0.81 MILES TO THE PROPOSED ACCESS ROAD;

TURN RIGHT AND FOLLOW ROAD FLAGS NORTH WESTERLY 0.41 MILES TO THE PROPOSED LOCATION;

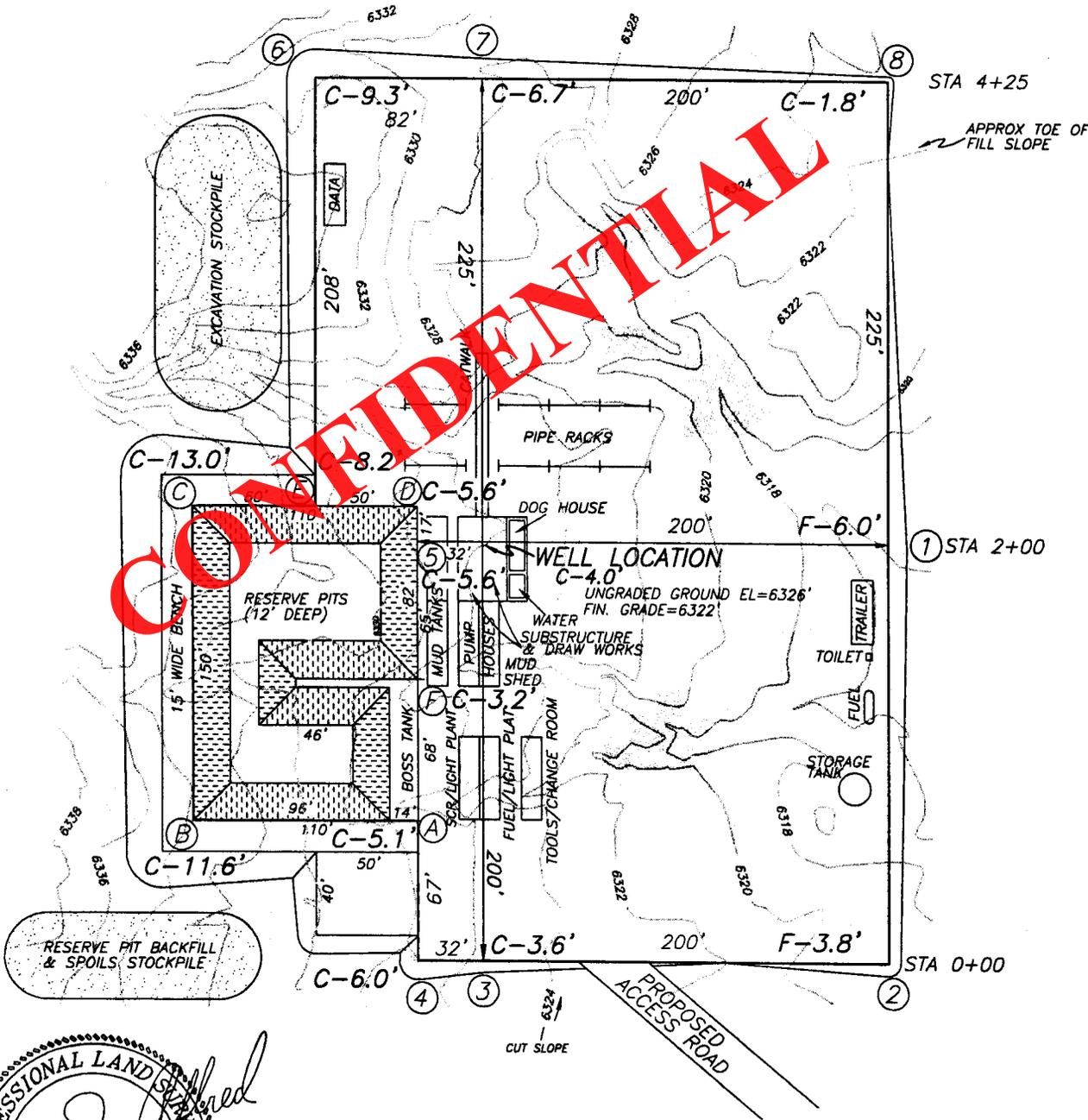
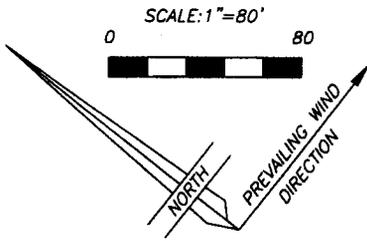
TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 9.16 MILES.

**CONFIDENTIAL**

# EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR  
GOLINSKI 4-24B5  
SECTION 24, T2S, R5W, U.S.B.&M.  
954' FSL, 1323' FEL

FIGURE #1



PROFESSIONAL LAND SURVEYOR  
No. 148951  
JERRY D. ALLRED  
12 JAN '11  
STATE OF UTAH

JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS  
1235 NORTH 700 EAST--P.O. BOX 975  
DUCHESTER, UTAH 84021  
(435) 738-5352

# EL PASO E & P COMPANY, L.P.

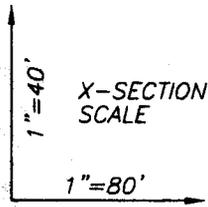
LOCATION LAYOUT FOR

GOLINSKI 4-24B5

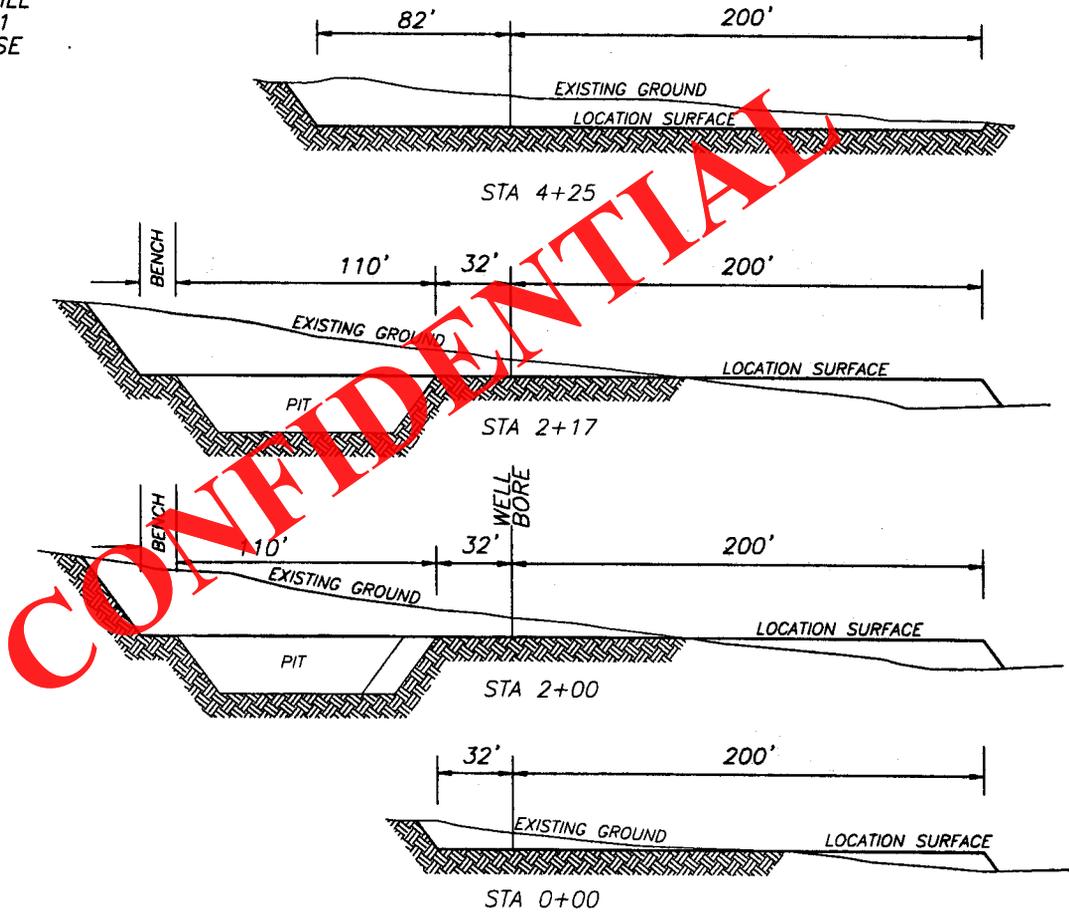
SECTION 24, T2S, R5W, U.S.B.&M.

954' FSL, 1323' FEL

FIGURE #2



NOTE: ALL CUT/FILL  
SLOPES ARE 1½:1  
UNLESS OTHERWISE  
NOTED



APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 19,074 CU. YDS.

PIT CUT = 4572 CU. YDS.

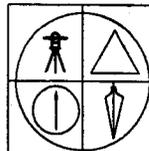
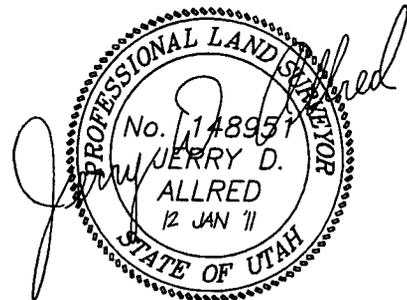
TOPSOIL STRIPPING: (6") = 2735 CU. YDS.

REMAINING LOCATION CUT = 11,767 CU. YDS

TOTAL FILL = 9187 CU. YDS.

LOCATION SURFACE GRAVEL=1374 CU. YDS. (4" DEEP)

ACCESS ROAD GRAVEL=576 CU. YDS.



JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

12 JAN 2011

01-128-202

# EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR

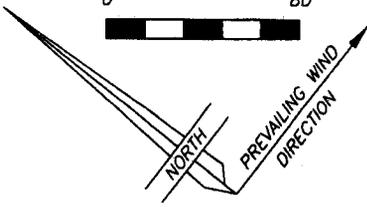
GOLINSKI 4-24B5

SECTION 24, T2S, R5W, U.S.B.&M.

954' FSL, 1323' FEL

FIGURE #3

SCALE: 1"=80'  
0 80

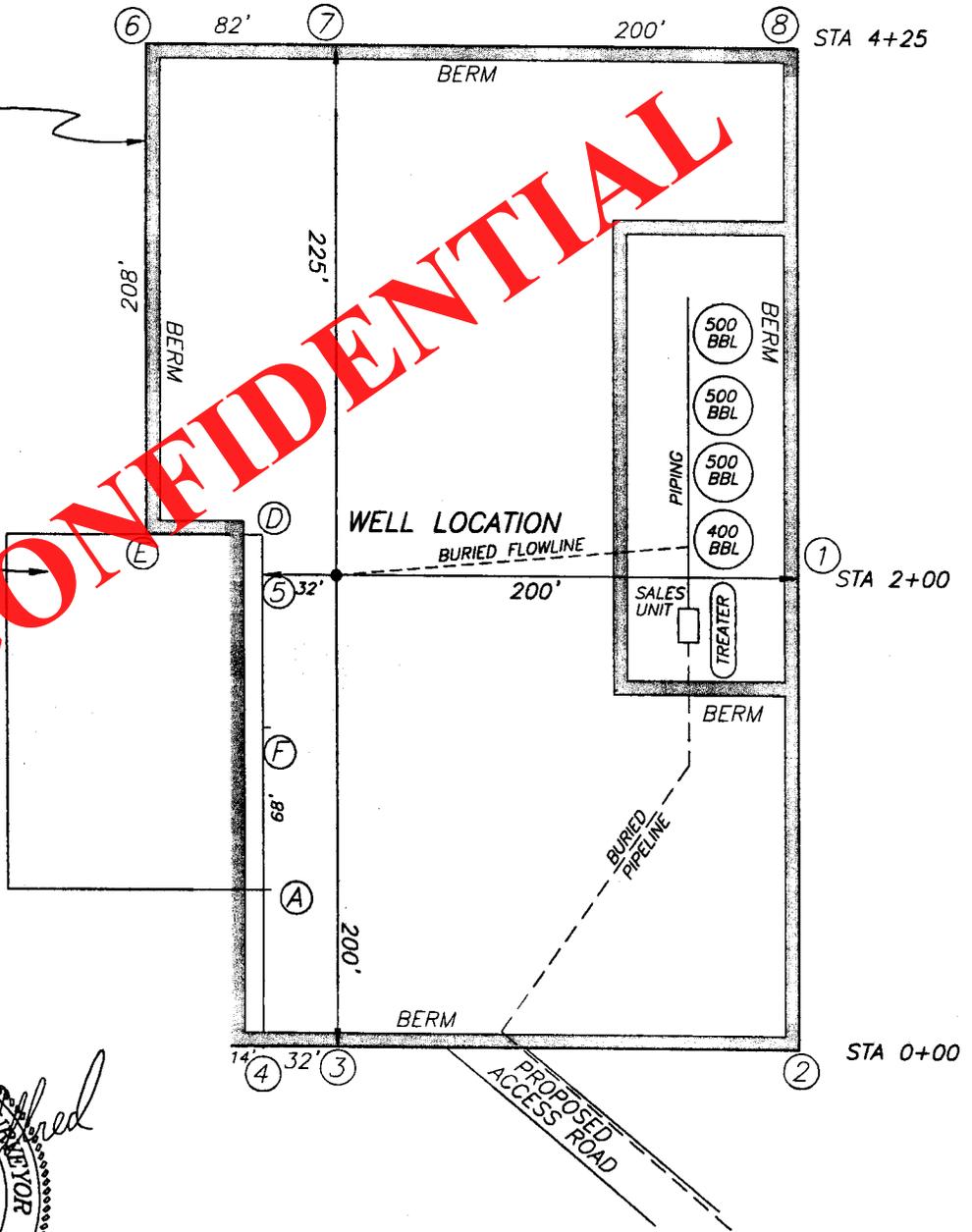


WELL PAD AREA  
BERMED AND USED  
FOR PRODUCTION

ENTIRE WELL PAD  
RECONTOURED BACK  
TO AVERAGE SLOPE  
FOR FINAL SURFACE  
RECLAMATION AFTER  
PRODUCTION

PIT AREA REGRADED  
BACK TO SLOPE FOR  
INTERIM RECLAMATION

**CONFIDENTIAL**



PROFESSIONAL LAND SURVEYOR  
No. 1148951  
JERRY D. ALLRED  
12 JAN '11  
STATE OF UTAH

JERRY D. ALLRED & ASSOCIATES  
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1235 NORTH 700 EAST--P.O. BOX 975  
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LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE  
CORRIDOR RIGHT-OF-WAY SURVEY FOR  
**ELPASO E&P COMPANY, L.P.**  
**GOLINSKI 4-24B5**  
SECTIONS 24 AND 25, T2S, R5W, U.S.B.&M.  
DUCHESNE COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

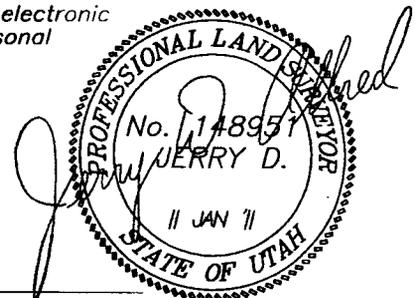
Commencing at the Southeast Corner of Section 24, Township 2 South, Range 5 West of the Uintah Special Base and Meridian;  
Thence North 46°44'51" West 1353.63 feet to the TRUE POINT OF BEGINNING;  
Thence South 51°48'41" West 475.00 feet;  
Thence North 38°11'19" West 475.00 feet;  
Thence North 51°48'41" East 475.00 feet;  
Thence South 38°11'19" East 475.00 feet to the TRUE POINT OF BEGINNING, containing 5.18 acres.

ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 66 feet wide access road, power line, and pipeline corridor right-of-way over portions of Sections 24 and 25, Township 2 South, Range 5 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows:  
Commencing at the South Quarter Corner of said Section 24;  
Thence North 57°59'03" East 1403.03 feet to the TRUE POINT OF BEGINNING, said point being on the West line of the Elpaso E&P Co. Golinski 4-24B5 well location use boundary;  
Thence South 01°04'23" West 212.73 feet;  
Thence South 15°38'39" West 425.40 feet;  
Thence South 01°33'57" West 118.36 feet to the South line of said Section;  
Thence South 02°07'40" East 324.72 feet;  
Thence South 28°57'36" East 280.72 feet;  
Thence South 31°27'28" East 190.28 feet;  
Thence South 39°41'04" East 241.79 feet;  
Thence South 52°42'53" East 154.73 feet;  
Thence South 35°14'11" East 188.88 feet to the North line of an existing road. Said right-of-way being 2140.70 feet in length with the side lines being shortened or elongated to intersect said use area boundary and existing road line.

SURVEYOR'S CERTIFICATE

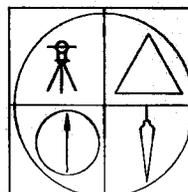
This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, power line, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.



JERRY D. ALLRED, REGISTERED LAND SURVEYOR,  
CERTIFICATE NO. 148951 (UTAH)

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90466"N AND LONG. 110°24'29.50964"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER



**JERRY D. ALLRED AND ASSOCIATES**  
SURVEYING CONSULTANTS

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DUCHESNE, UTAH 84021  
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6 JAN 2011

01-128-202

24

LINE	BEARING	DISTANCE
L1	S 51°48'41" W	475.00'
L2	N 38°11'19" W	475.00'
L3	N 51°48'41" E	475.00'
L4	S 38°11'19" E	475.00'
L5	S 01°04'23" W	212.73'
L6	S 15°38'39" W	425.40'
L7	S 01°33'57" W	118.36'
L8	S 02°07'40" E	324.72'
L9	S 28°57'36" E	280.72'
L10	S 31°27'28" E	190.28'
L11	S 39°41'04" E	244.79'
L12	S 52°42'53" E	154.73'
L13	S 35°14'11" E	188.99'

EL PASO E & P COMPANY, L.P.  
SURFACE USE AREA  
GOLINSKI 4-24B5  
5.18 ACRES

GOLINSKI PROPERTY

GOLINSKI PROPERTY

CONFIDENTIAL

N 89°18'17" E 2658.54'

TO SECTION CORNER

FOUND STONE AT QUARTER CORNER

N 57°59'03" E 1403.03'

SW ¼ SE ¼

NW ¼ NE ¼

PROPOSED 66' WIDE ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY

GOLINSKI PROPERTY

SE ¼ SE ¼

NE ¼ NE ¼

GOLINSKI PROPERTY

PROPOSED PIPELINE

21+40.70

EXISTING ROAD

FOUND ALUM CAP MON AT QUARTER CORNER

FOUND ALUM CAP MON AT SECTION CORNER

SEC 19

SEC 24

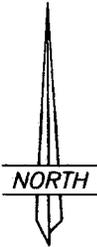
SEC 30

S 00°26'29" E 191.80'

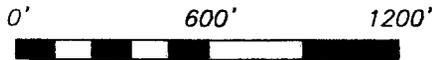
N 00°26'29" W

2660.13'

N 00°11'59" E 2639.07'



SCALE: 1" = 600'



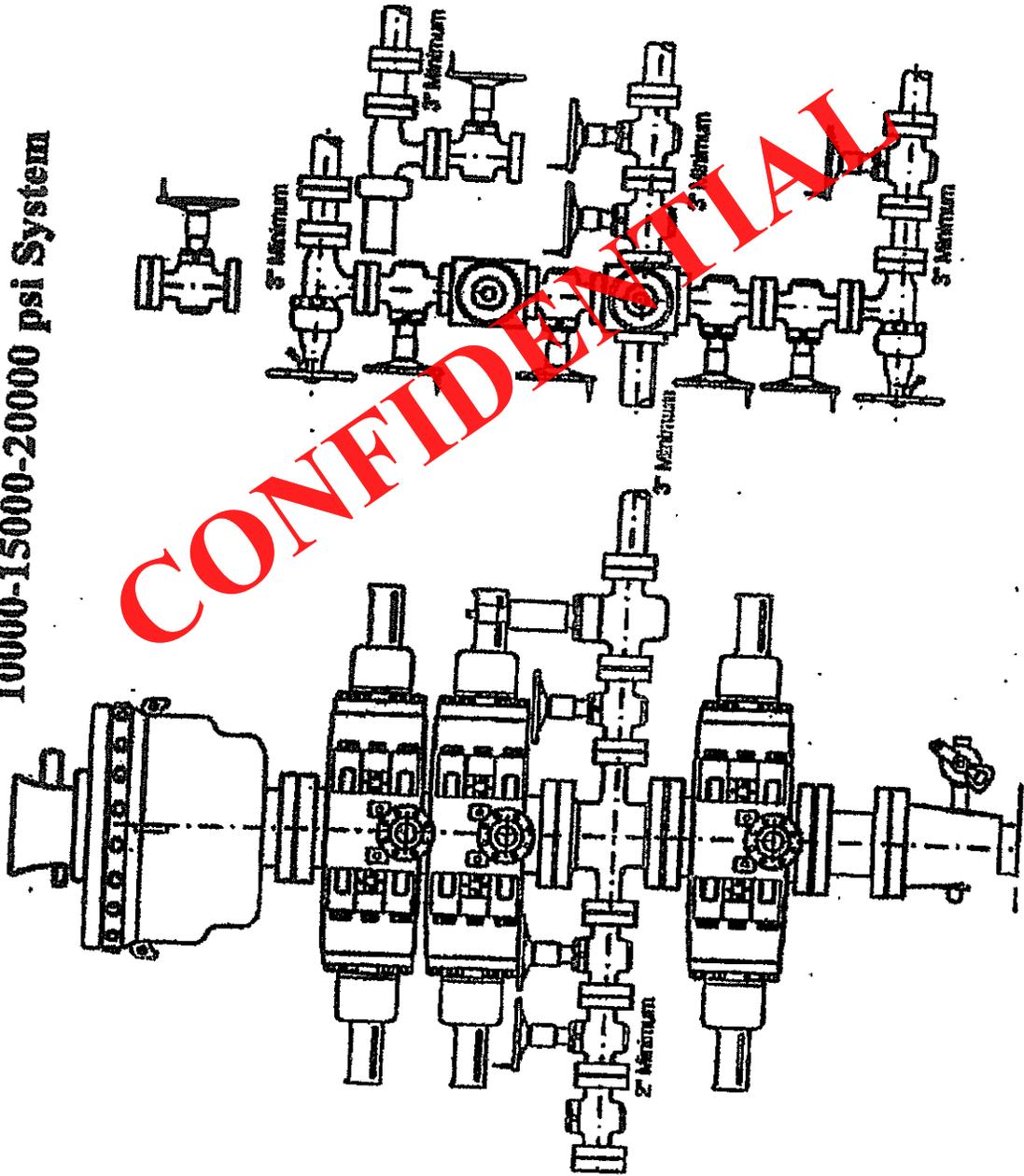
25

SW ¼ NE ¼

SE ¼ NE ¼



10000-15000-20000 psi System

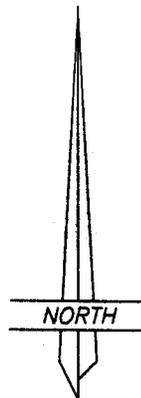
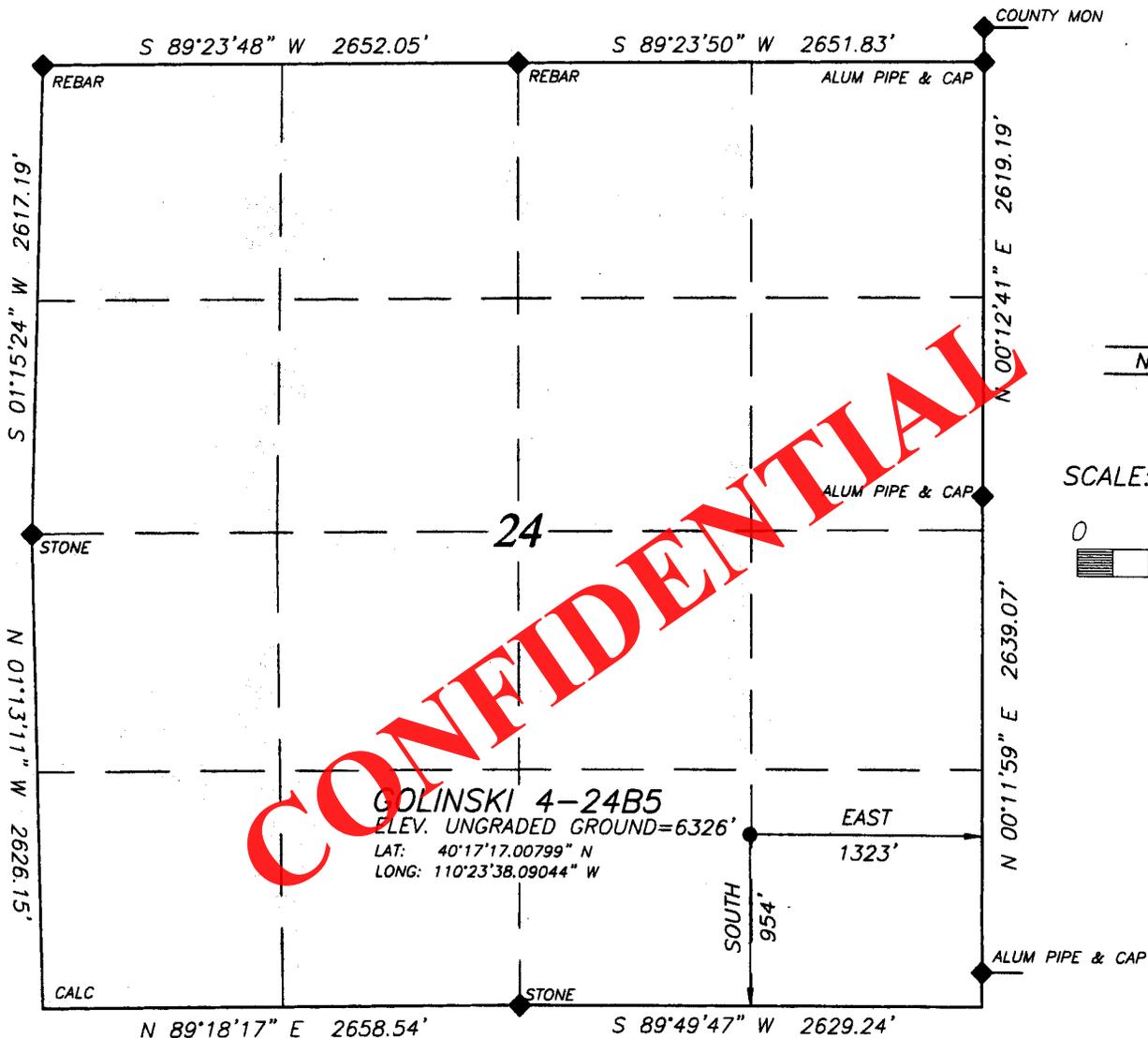


# EL PASO E & P COMPANY, L.P.

WELL LOCATION

GOLINSKI 4-24B5

LOCATED IN THE SW<sup>1</sup>/<sub>4</sub> OF THE SE<sup>1</sup>/<sub>4</sub> OF SECTION 24, T2S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SCALE: 1" = 1000'



### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.

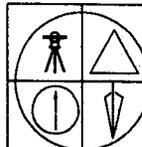


JERRY D. ALLRED, REGISTERED LAND SURVEYOR,  
 CERTIFICATE NO. 148951 (UTAH)

### LEGEND AND NOTES

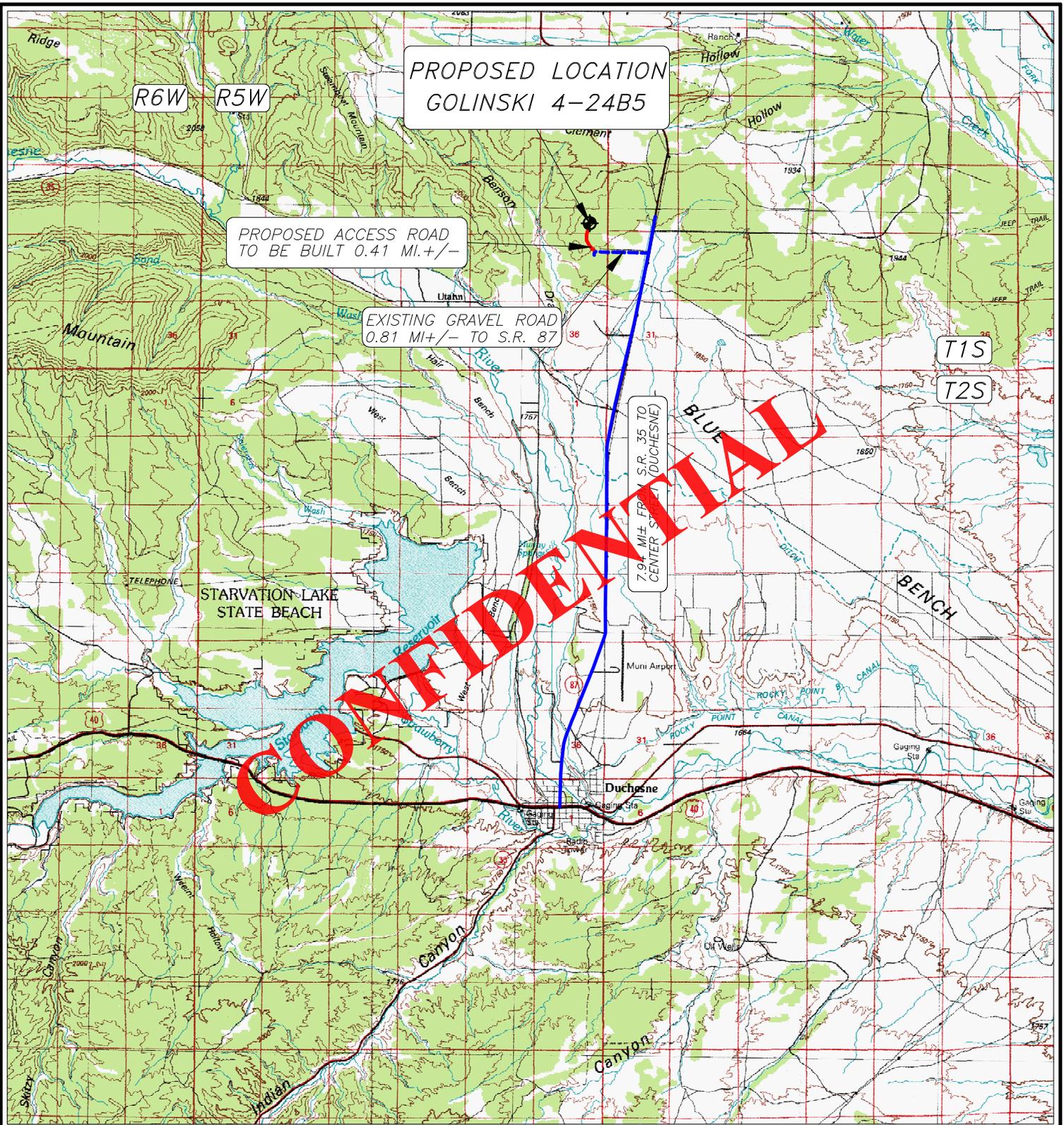
- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY
- THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP
- THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
- THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°15'22.90466"N AND LONG. 110°24'29.50964"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM



**JERRY D. ALLRED & ASSOCIATES**  
 SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
 DUCHESNE, UTAH 84021  
 (435) 738-5352



CONFIDENTIAL

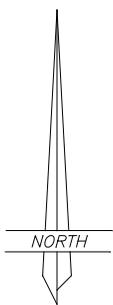
**LEGEND:**

 PROPOSED WELL LOCATION

01-128-202

**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHEсне, UTAH 84021  
(435) 738-5352



**EL PASO E & P COMPANY, L.P.**

GOLINSKI 4-24B5

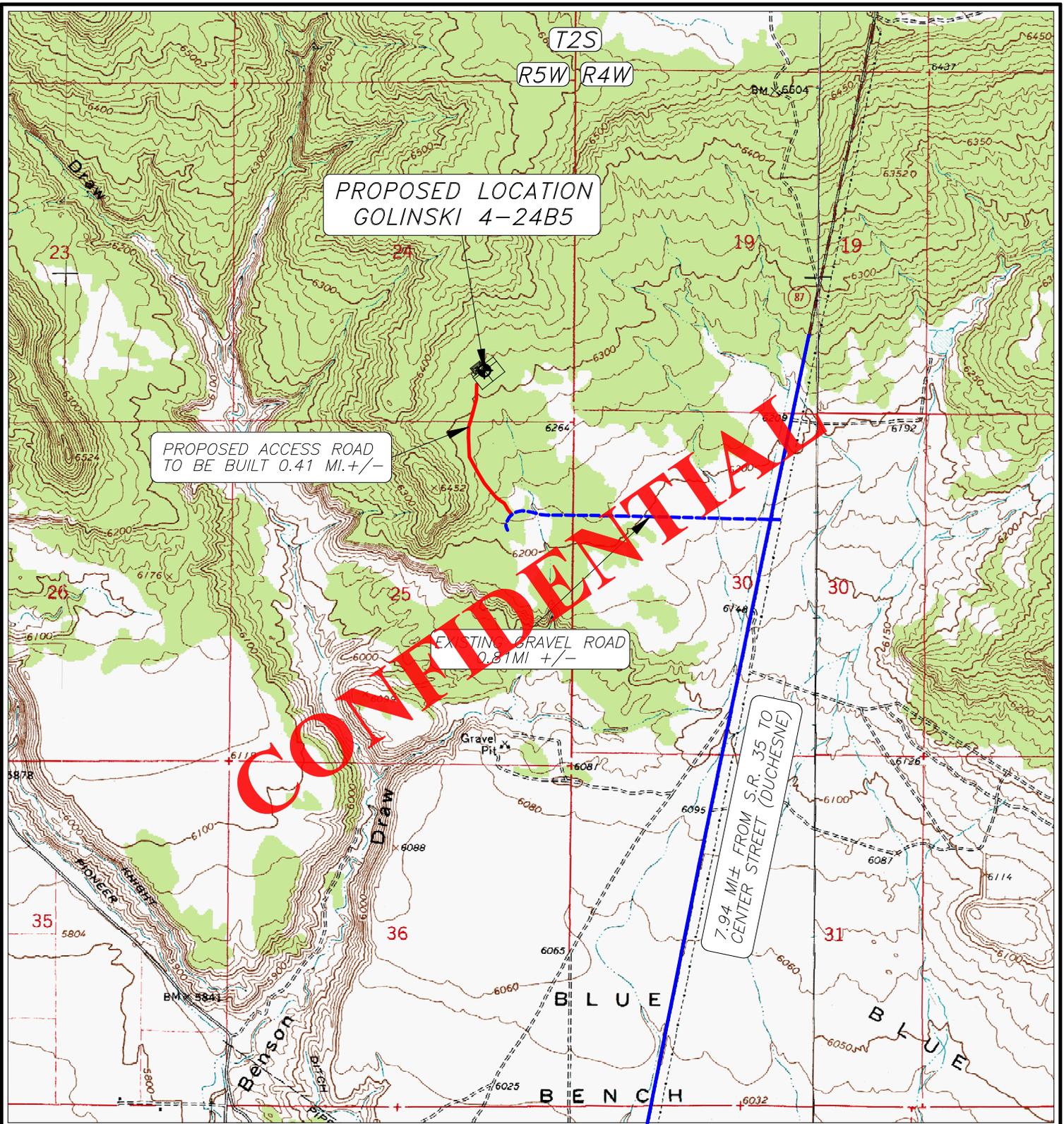
SECTION 24, T2S, R5W, U.S.B.&M.

954' FSL 1323' FEL

**TOPOGRAPHIC MAP "A"**

SCALE; 1"=10,000'

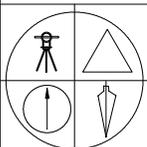
6 JAN 2011



**LEGEND:**

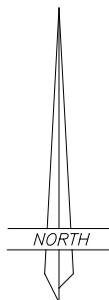
-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  EXISTING GRAVEL ROAD
-  EXISTING PAVED ROAD

01-128-202



**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHEсне, UTAH 84021  
(435) 738-5352



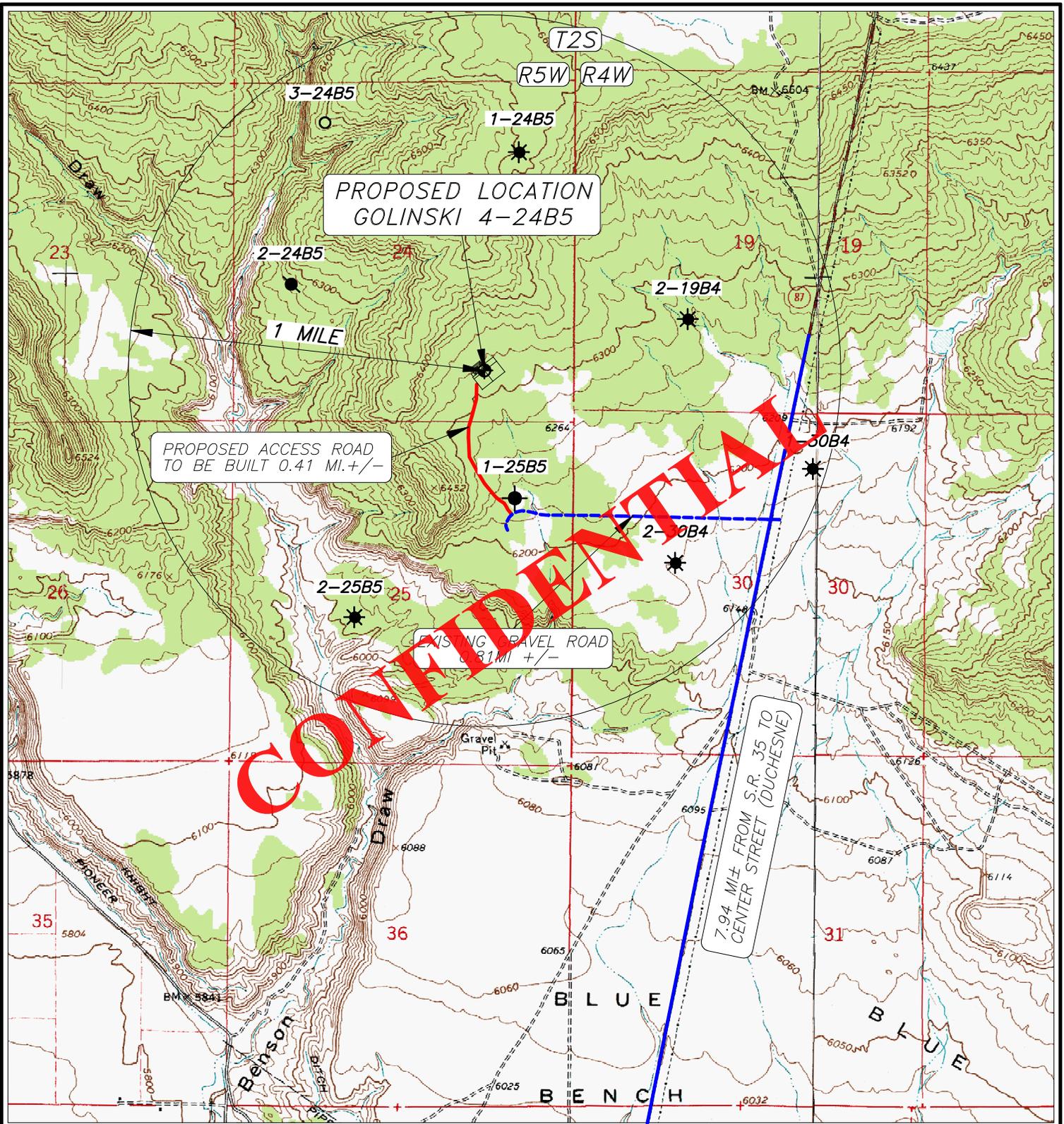
**EL PASO E & P COMPANY, L.P.**

GOLINSKI 4-24B5  
SECTION 34, T2S, R5W, U.S.B.&M.

954' FSL 1323' FEL

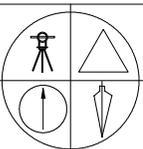
**TOPOGRAPHIC MAP "B"**

SCALE: 1"=2000'  
6 JAN 2011



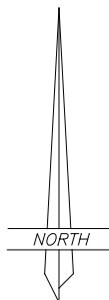
**LEGEND:**

-  PROPOSED WELL LOCATION
  -  OTHER WELLS AS LOCATED FROM SUPPLIED MAP
- 01-128-202



**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHEсне, UTAH 84021  
(435) 738-5352



**EL PASO E & P COMPANY, L.P.**

GOLINSKI 4-24B5  
SECTION 24, T2S, R5W, U.S.B.&M.  
954' FSL 1323' FEL

**TOPOGRAPHIC MAP "C"**

SCALE; 1"=2000'  
6 JAN 2011

**AFFIDAVIT OF SURFACE DAMAGE AND RIGHT-OF-WAY AGREEMENTS**

Corie A. Graham personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Corie A. Graham. I am a Landman for El Paso E&P Company, L.P., whose address is 1001 Louisiana Street, Houston, Texas 77002 ("El Paso").
2. El Paso is the operator of the proposed Golinski 4-24B5 well ("the Well") to be located in the S/2 of the SE/4 of Section 24, Township 2 South, Range 5 West, USM, Duchesne County, Utah (the "Drillsite Location"). The surface owner of the Drillsite location is Thomas R. Golinski and Patricia L. Golinski, whose address is 154 Shine Road, Port Ludlow, WA 98365 and whose telephone number is (360) 437-7903 (the "Surface Owner").
3. El Paso and the Surface Owner have entered into a Damage Settlement and Release Agreement dated April 25, 2012 to cover any and all injuries or damages of every character and description sustained by the Surface Owner or Surface Owner's property as a result of operations associated with the drilling of the Well.
4. El Paso and the Surface Owner have also entered into a Right-of-Way Agreement dated April 25, 2012 for an access road, pipeline and power line corridor across the SW/4 of the SE/4 of Section 24 and N/2 of the NE/4 of Section 25, Township 2 South, Range 5 West, USM, Duchesne County, Utah.

FURTHER AFFIANT SAYETH NOT.

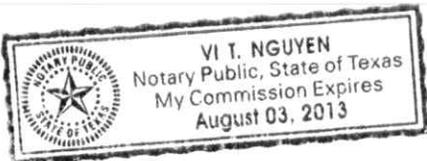
  
 \_\_\_\_\_  
 Corie A. Graham

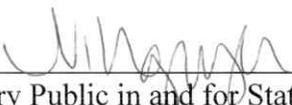
**ACKNOWLEDGMENT**

STATE OF TEXAS           §  
                                       §  
 COUNTY OF HARRIS       §

**CONFIDENTIAL**

This instrument was acknowledged before me on this the 3<sup>rd</sup> day of May, 2012 by Corie A. Graham as a Landman for EL PASO E&P COMPANY, L.P., a Delaware limited partnership, on behalf of said partnership and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.



  
 \_\_\_\_\_  
 Notary Public in and for State of Texas

**EL PASO E&P COMPANY, L.P.**

**Related Surface Information**

1. **Current Surface Use:**
  - Livestock Grazing and Oil and Gas Production.
2. **Proposed Surface Disturbance:**
  - The road will be crown and ditch. Water wings will be constructed on the access road as needed.
  - The topsoil will be windrowed and re-spread in the borrow area.
  - New road to be constructed will be approximately .41 miles in length and 66 feet wide.
  - All equipment and vehicles will be confined to the access road, pad and area specified in the APD.
3. **Location Of Existing Wells:**
  - Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.
4. **Location And Type Of Drilling Water Supply:**
  - Drilling water: Duchesne City Water/Upper Country Water
5. **Existing/Proposed Facilities For Productive Well:**
  - There are no existing facilities that will be utilized for this well.
  - A pipeline corridor .41 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch salt water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
  - Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.
6. **Construction Materials:**
  - Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.
7. **Methods For Handling Waste Disposal:**
  - The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
  - Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
  - Sewage will be handled in Portable Toilets.
  - Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
  - Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's
8. **Ancillary Facilities:**
  - There will be no ancillary facilities associated with this project.

**9. Surface Reclamation Plans:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after September 15<sup>th</sup>, and prior to ground frost, or seed will be planted after the frost has left and before May 15<sup>th</sup>. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.
  1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
  2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
  3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.
- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.
  1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
  2. Landowner will be contacted for rehabilitation requirements.

**10. Surface Ownership:**

Thomas R. Golinski and Patricia L. Golinski  
154 Shine Road  
Port Ludlow, Washington 98365-9274  
Phone: 360-437-7903

**Other Information:**

- The surface soil consists of clay, and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

• **Operator and Contact Persons:**

**Construction and Reclamation:**

El Paso E & P Company  
Wayne Garner  
PO Box 410  
Altamont, Utah 84001  
435-454-3394 – Office  
435-823-1490 – Cell

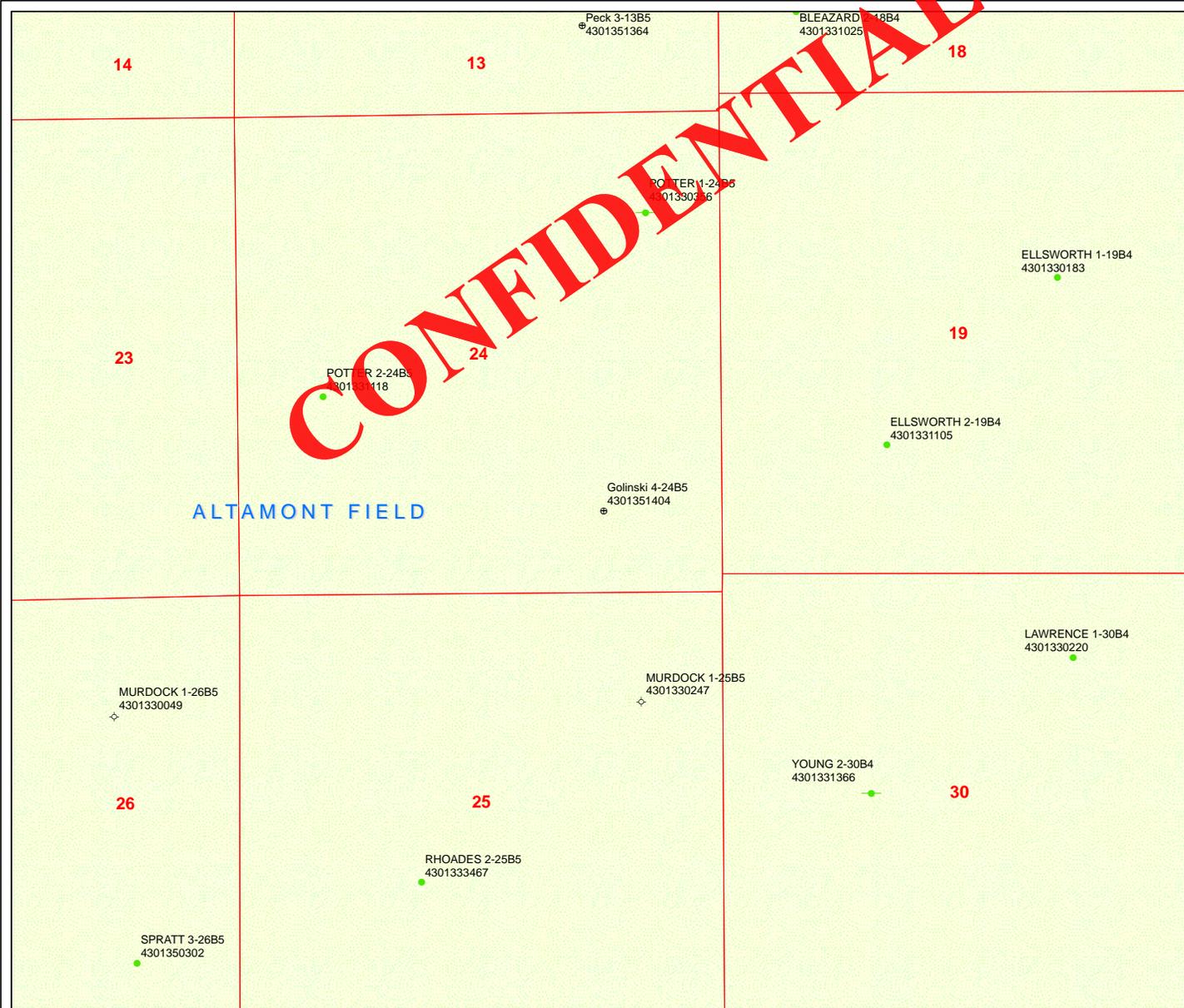
**Regarding This APD**

El Paso E & P Company  
Maria S. Gomez  
1001 Louisiana, Rm 2730D  
Houston, Texas 77002  
713-420-5038 – Office

**Drilling**

El Paso E & P Company  
Brent Baker – Drilling Engineer  
1001 Louisiana, Rm 2540A  
Houston, Texas 77002  
713-420-3323 – office  
832-457-6433 – Cell

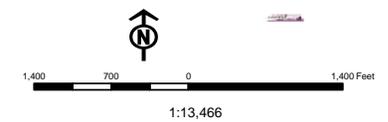
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**API Number: 4301351404**  
**Well Name: Golinski 4-24B5**  
**Township T0.2 . Range R0.5 . Section 24**  
**Meridian: UBM**  
 Operator: EL PASO E&P COMPANY, LP

Map Prepared:  
 Map Produced by Diana Mason

Units STATUS	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRIL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERM.	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
<b>Fields STATUS</b>	SGW - Shut-in Gas Well
Unknown	SOW - Shut-in Oil Well
ABANDONED	TA - Temp. Abandoned
ACTIVE	TW - Test Well
COMBINED	WDW - Water Disposal
INACTIVE	WW - Water Injection Well
STORAGE	WSW - Water Supply Well
TERMINATED	



Well Name	EP ENERGY E&P COMPANY, L.P. Golinski 4-24B5 43013514040000			
String	COND	SURF	I1	L1
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	1000	5550	10450	13500
Previous Shoe Setting Depth (TVD)	0	1000	5550	10450
Max Mud Weight (ppg)	9.5	10.0	12.8	12.8
BOPE Proposed (psi)	1000	5000	10000	10000
Casing Internal Yield (psi)	2730	5750	11220	12410
Operators Max Anticipated Pressure (psi)	8986			12.8

Calculations	COND String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	494	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	374	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	274	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	274	NO OK
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

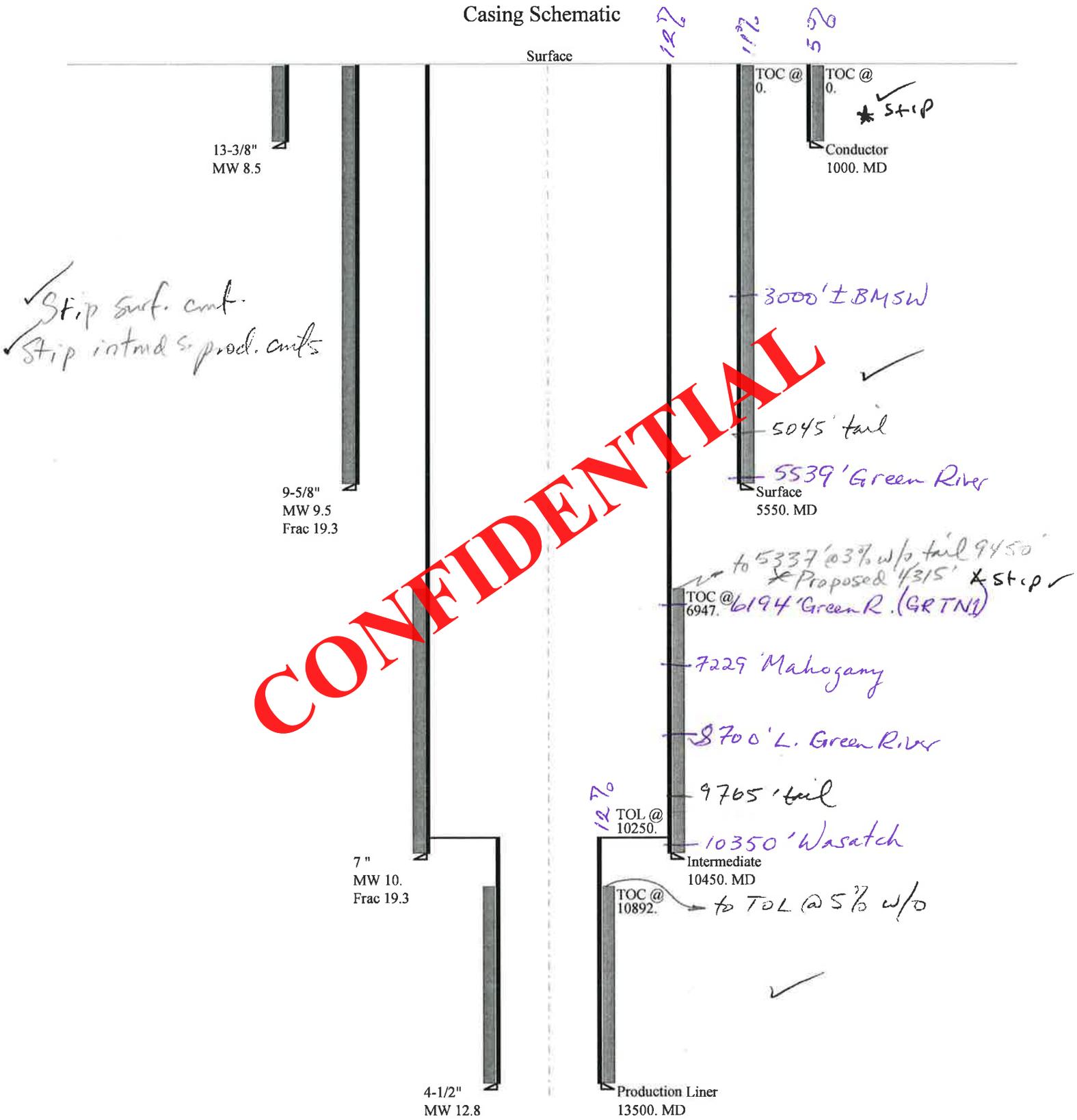
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	2886	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2220	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1665	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1885	NO Reasonable
Required Casing/BOPE Test Pressure=		4025	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	6956	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5702	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4657	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	5878	NO OK
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		5550	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	8986	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	7366	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	6016	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8315	YES
Required Casing/BOPE Test Pressure=		8687	psi
*Max Pressure Allowed @ Previous Casing Shoe=		10450	psi *Assumes 1psi/ft frac gradient

# 43013514040000 Golinski 4-24B5

## Casing Schematic



Well name:	<b>43013514040000 Golinski 4-24B5</b>		
Operator:	<b>EL PASO E &amp; P COMPANY, LP</b>		Project ID:
String type:	Conductor		43-013-51404
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 8.500 ppg  
 Internal fluid density: 1.000 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 88 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 100 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 321 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP 441 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.70 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

**Non-directional string.**

Tension is based on air weight.  
 Neutral point: 874 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	13.375	54.50	J-55	ST&C	1000	1000	12.49	12406
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	390	1130	2.901	441	2730	6.18	54.5	514	9.43 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Mining

Phone: 801 538-5357  
 FAX: 801-359-3940

Date: July 17, 2012  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.5 ppg. An internal gradient of .052 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43013514040000 Golinski 4-24B5</b>		
Operator:	<b>EL PASO E &amp; P COMPANY, LP</b>		
String type:	Surface	Project ID:	43-013-51404
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 9.500 ppg  
 Internal fluid density: 1.000 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 152 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 100 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 3,130 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 4,351 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.70 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on air weight.  
 Neutral point: 4,766 ft

**Non directional string.**

**Re subsequent strings:**

Next setting depth: 10,450 ft  
 Next mud weight: 10.000 ppg  
 Next setting BHP: 5,429 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 5,550 ft  
 Injection pressure: 5,550 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	5550	9.625	40.00	N-80	LT&C	5550	5550	8.75	70623
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2451	3090	1.261	4351	5750	1.32	222	737	3.32 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Mining

Phone: 801 538-5357  
 FAX: 801-359-3940

Date: July 17, 2012  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 5550 ft, a mud weight of 9.5 ppg. An internal gradient of .052 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43013514040000 Golinski 4-24B5</b>		
Operator:	<b>EL PASO E &amp; P COMPANY, LP</b>		
String type:	Intermediate	Project ID:	43-013-51404
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 10.000 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 220 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 6,947 ft

**Burst**

Max anticipated surface pressure: 6,007 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 8,306 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.60 (B)

Tension is based on air weight.  
 Neutral point: 8,868 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 13,500 ft  
 Next mud weight: 12.800 ppg  
 Next setting BHP: 8,977 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 10,450 ft  
 Injection pressure: 10,450 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	10450	7	29.00	P-110	LT&C	10450	10450	6.059	118008
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5429	8530	1.571	8306	11220	1.35	303	797	2.63 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Mining

Phone: 801 538-5357  
 FAX: 801-359-3940

Date: July 17, 2012  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 10450 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>43013514040000 Golinski 4-24B5</b>		
Operator:	<b>EL PASO E &amp; P COMPANY, LP</b>		
String type:	Production Liner	Project ID:	43-013-51404
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 12.800 ppg  
 Internal fluid density: 1.500 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 263 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 10,892 ft

**Burst**

Max anticipated surface pressure: 6,007 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 8,977 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.60 (B)

Tension is based on air weight.  
 Neutral point: 12,877 ft

Liner top: 10,250 ft

**Non-directional string.**

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3300	4.5	13.50	P-110	LT&C	13500	13500	3.795	18491
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	7925	10680	1.348	8977	12410	1.38	44.5	338	7.59 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Mining

Phone: 801 538-5357  
 FAX: 801-359-3940

Date: July 17, 2012  
 Salt Lake City, Utah

**Remarks:**

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 13500 ft, a mud weight of 12.8 ppg. An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** EP ENERGY E&P COMPANY, L.P.  
**Well Name** Golinski 4-24B5  
**API Number** 43013514040000      **APD No** 5851    **Field/Unit** ALTAMONT  
**Location: 1/4,1/4 SWSE**    **Sec** 24    **Tw** 2.0S    **Rng** 5.0W    954    **FSL** 1323    **FEL**  
**GPS Coord (UTM)** 551526 4459888      **Surface Owner** Thomas and Patricia Golinski

### Participants

Jared Thacker (E&P Energy); Jody St Joseph (surface use or lease owner); Chad Shaw (EPE Houston); Orion Mitchell (EPE Energy); Ryan Allred (Allred Survey); Cameron Wilkerson (El Paso); Dennis Ingram (DOGM);

### Regional/Local Setting & Topography

Proposed wellsite is located in northeastern Utah, approximately 7.94 miles north of the town of Duchesne along Highway 87. This wellsite sets along the southern base of sandstone shelves and ridges that drop off from the bench country to the north in Talmage into the Duchesne River Drainage further south. A southern fingered ridge separates this area from Benson Draw which is a drainage that runs south into the Duchesne River Valley located approximately half a mile to the west. The topography flattens out south and east of here on Blue Bench.

### Surface Use Plan

#### **Current Surface Use**

Recreational  
Grazing

#### **New Road Miles**

0.41

#### **Well Path**

**Width** 342    **Length** 425

#### **Src Const Material**

Onsite

#### **Surface Formation**

UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?**      Y

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Sagebrush, juniper and prairie grass; potential winter range for mule deer, elk, coyotes, mountain lion, fox, smaller mammals and birds typical of the region.

#### **Soil Type and Characteristics**

Reddish in color, fine grained blow sand with some clays present with underlying sandstone

**Erosion Issues** Y

**Sedimentation Issues** Y

**Site Stability Issues** N

**Drainage Diversion Required? Y****Berm Required? N****Erosion Sedimentation Control Required? N**

**Paleo Survey Run?      Paleo Potential Observed?      Cultural Survey Run?      Cultural Resources?**

**Reserve Pit**

<b>Site-Specific Factors</b>		<b>Site Ranking</b>
<b>Distance to Groundwater (feet)</b>	>200	0
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	10 to 20	5
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
	<b>Final Score</b>	20    1 Sensitivity Level

**Characteristics / Requirements**

Reserve pit is proposed on west side of location, uphill in cut and measuring 110' wide by 150' long and 12' deep. Prevailing winds are from the southwest.

**Closed Loop Mud Required?    Liner Required? Y    Liner Thickness 20    Pit Underlayment Required?**

**Other Observations / Comments**

Thomas Golinski was contacted by telephone but lives in Washington State and did not choose to attend. He did, however, explain that the surface is leased to the wilderness group out of Duchesne and they might have interest since they use the land. Jody St. Joseph was therefore invited and was attended the presite meeting although she did not walk into the proposed well pad with us. Her concerns were lighting, noise, traffic and dust, but explained their great use area was west of this site.

The surface at the proposed well pad slopes in a southerly direction, having 9.3 feet of cut on the high side and 3.8 feet of fill on the low side. The surface is pinion juniper with reddish blow sand at the surface with underlying sandstone ledges, and has two shallow washes that drain the upper country from northwest to southeast. No other comments mentioned at the presite meeting.

Dennis Ingram  
Evaluator

6/27/2012  
Date / Time

**Application for Permit to Drill  
Statement of Basis  
Utah Division of Oil, Gas and Mining**

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5851	43013514040000	LOCKED	OW	P	No
<b>Operator</b>	EP ENERGY E&P COMPANY, L.P.		<b>Surface Owner-APD</b>	Thomas and Patricia Golinski	
<b>Well Name</b>	Golinski 4-24B5		<b>Unit</b>		
<b>Field</b>	ALTAMONT		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWSE 24 2S 5W U 954 FSL 1323 FEL GPS Coord (UTM) 551528E 4459889N				

**Geologic Statement of Basis**

El Paso proposes to set 1,000 feet of conductor and 5,550 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 3,000 feet. A search of Division of Water Rights records indicates that there are 19 water wells within a 10,000 foot radius of the center of Section 24. These wells range in depth from 21-500 feet. These wells probably produce water from the Duchesne River Formation. The wells are listed as being used for irrigation, stock watering, oil exploration and domestic. The proposed drilling casing and cement program should adequately protect usable ground water in this area.

Brad Hill  
APD Evaluator

7/11/2012  
Date / Time

**Surface Statement of Basis**

Thomas Golinski was contacted by telephone but lives in Washington State and did not choose to attend. He did, however, explain that the surface is leased to the wilderness group out of Duchesne and they might have interest since they use the land. Jody St. Joseph was therefore invited by the Division to attend the presite meeting on June 27, 2012 at 9:00 AM. Jody did attend the presite meeting although she did not walk into the proposed well pad with us. Her concerns were lighting, noise, traffic and dust, but explained their greater use area was west of this site.

The surface at the proposed well pad slopes in a southerly direction, having 9.3 feet of cut on the high side and 3.8 feet of fill on the low side. The surface is pinion juniper with reddish blow sand at the surface with underlying sandstone layers, and has two shallow washes that drain the upper country from northwest to southeast. The operator does need to re-route these washes around the well pad and if possible tie them back into the existing drainage to prevent further erosion. The soils on this site are blow sand with some clays and have potential underlying sandstone ledges. Therefore, the operator shall install a 20 mil synthetic liner in the reserve pit and a felt pad if necessary to prevent the pit from leaking. The reserve pit shall also be fenced to prevent wildlife from entering same.

Dennis Ingram  
Onsite Evaluator

6/27/2012  
Date / Time

**Conditions of Approval / Application for Permit to Drill**

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

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## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/4/2012

API NO. ASSIGNED: 43013514040000

WELL NAME: Golinski 4-24B5

OPERATOR: EP ENERGY E&amp;P COMPANY, L.P. (N3850)

PHONE NUMBER: 713 997-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: SWSE 24 020S 050W

Permit Tech Review: 

SURFACE: 0954 FSL 1323 FEL

Engineering Review: 

BOTTOM: 0954 FSL 1323 FEL

Geology Review: 

COUNTY: DUCHESNE

LATITUDE: 40.28791

LONGITUDE: -110.39379

UTM SURF EASTINGS: 551528.00

NORTHINGS: 4459889.00

FIELD NAME: ALTAMONT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - 400JU0708
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: Duchesne City / Upper County Water
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-84
- Effective Date: 12/31/2008
- Siting: 660' Fr Drl U Bdry & 1320' Fr Other Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhll  
13 - Cement Volume Formation (3a) - hmacdonald  
25 - Surface Casing - hmacdonald



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Golinski 4-24B5  
**API Well Number:** 43013514040000  
**Lease Number:** Fee  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 8/8/2012

### Issued to:

EP ENERGY E&P COMPANY, L.P., 1001 Louisiana, Houston, TX 77002

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 5350' MD in order to adequately isolate the Green River formation.

Surface casing shall be cemented to the surface.

### Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet

- Plug and abandonment of the well - contact Dustin Doucet

**Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels  
OR  
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website  
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

**Contact Information:**

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office  
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office  
801-231-8956 - after office hours

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**



For John Rogers  
Associate Director, Oil & Gas

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**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company; EP ENERGY E&P COMPANY, L.P.

Well Name: GOLINSKI 4-24B5

Api No: 43-013-51404 Lease Type FEE

Section 24 Township 02S Range 05W County DUCHESNE

Drilling Contractor PETE MARTIN DRILLING RIG # BUCKET

**SPUDDED:**

Date 08/31/2012

Time \_\_\_\_\_

How DRY

**Drilling will  
Commence:**

\_\_\_\_\_

Reported by WAYNE GARNER

Telephone # (435) 823-1490

Date 08/31/2012 Signed CHD

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GOLINSKI 4-24B5
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013514040000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0954 FSL 1323 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/31/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Initial Completion"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached procedure and WBS's for further detail.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: October 30, 2012

By: 

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 10/30/2012	

**Golinski 4-24 B5  
Initial Completion  
43013514040000**

**The following precautions will be taken until the RCA for the Conover is completed:**

1. Review torque turning and running of the 7" and 4 1/2" liner of anomalies.
2. Test and chart casing for 30 minutes, noting pressure if any on surface casing.
3. Test all lubricators, valves and BOP's to working pressure.
4. Wellhead isolation tools will continue to be used to isolate the wellhead during the frac.
5. Monitor the surface casing during frac:
  - a. Lay a flowline to the flow back tank and keep the valve open.
  - b. This line will remain in place until a wire line set retrievable packer is in place isolating the 4 1/2" casing from the 7" after the frac.
6. 2 7/8" tubing will be run to isolate the 7" casing during the flow back of the well.
7. Well pressure and annulus pressure would be monitored during this time until the well is ready for pump.

**Completion Information (Wasatch Formation)**

- Stage 1: RU WL unit with 10K lubricator and test to 10000 psi with water. Perforations from ~12323' - 12592' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~120000# Sinterlite 20/40.
- Stage 2: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~12290'. Test CBP and casing to 8500 psi. Perforations from ~12026' - 12280' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~120000# Sinterlite 20/40.
- Stage 3: RU WL unit with 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~12002'. Test CBP and casing to 8500 psi. Perforations from ~11726' - 11992' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~120000# Sinterlite 20/40.

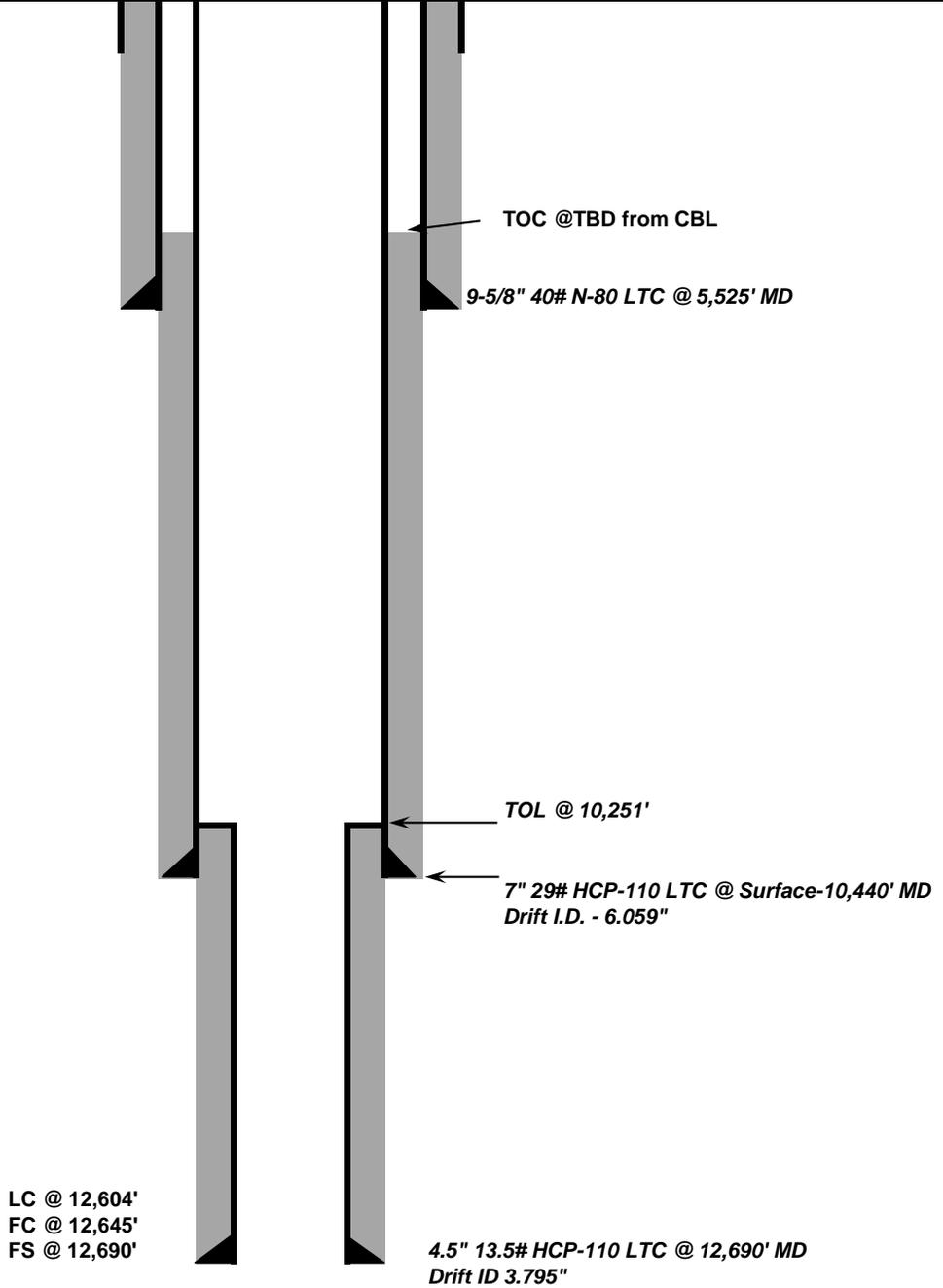
- Stage 4: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~11708'. Test CBP and casing to 8500 psi. Perforations from ~11490' - 11698' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~110000# Sinterlite 20/40.
- Stage 5: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~11416'. Test CBP and casing to 8500 psi. Perforations from ~11145' - 11406' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~120000# Sinterlite 20/40.
- Stage 6: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~11115'. Test CBP and casing to 8500 psi. Perforations from ~10905' - 11105' with ~15000 gallons of 15% HCL acid & 3000# rock salt.
- Stage 7: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10896'. Test CBP and casing to 8500 psi. Perforations from ~10724' - 10886' with ~5000 gallons of 15% HCL acid, ~4000# of 100 mesh sand and ~100000# Sinterlite 20/40.
- Stage 8: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~10690'. Test CBP and casing to 8500 psi. Perforations from ~10474' - 10680' with ~5000 gallons of 15% HCL acid, ~3500# of 100 mesh sand and ~115000# Sinterlite 20/40.



**Current Wellbore Schematic**

Company Name: EP Energy  
Well Name: **Golinski 4-24 B5**  
Field, County, State: Altamont - Bluebell, Duchesne, Utah  
Surface Location: Lat: 40°17'17.007N Long: 110°23'38.090W  
Producing Zone(s): Wasatch

Last Updated: 10/24/2012  
By: Holden Mayo  
TD: 12,690  
BHL: \_\_\_\_\_  
Elevation: \_\_\_\_\_

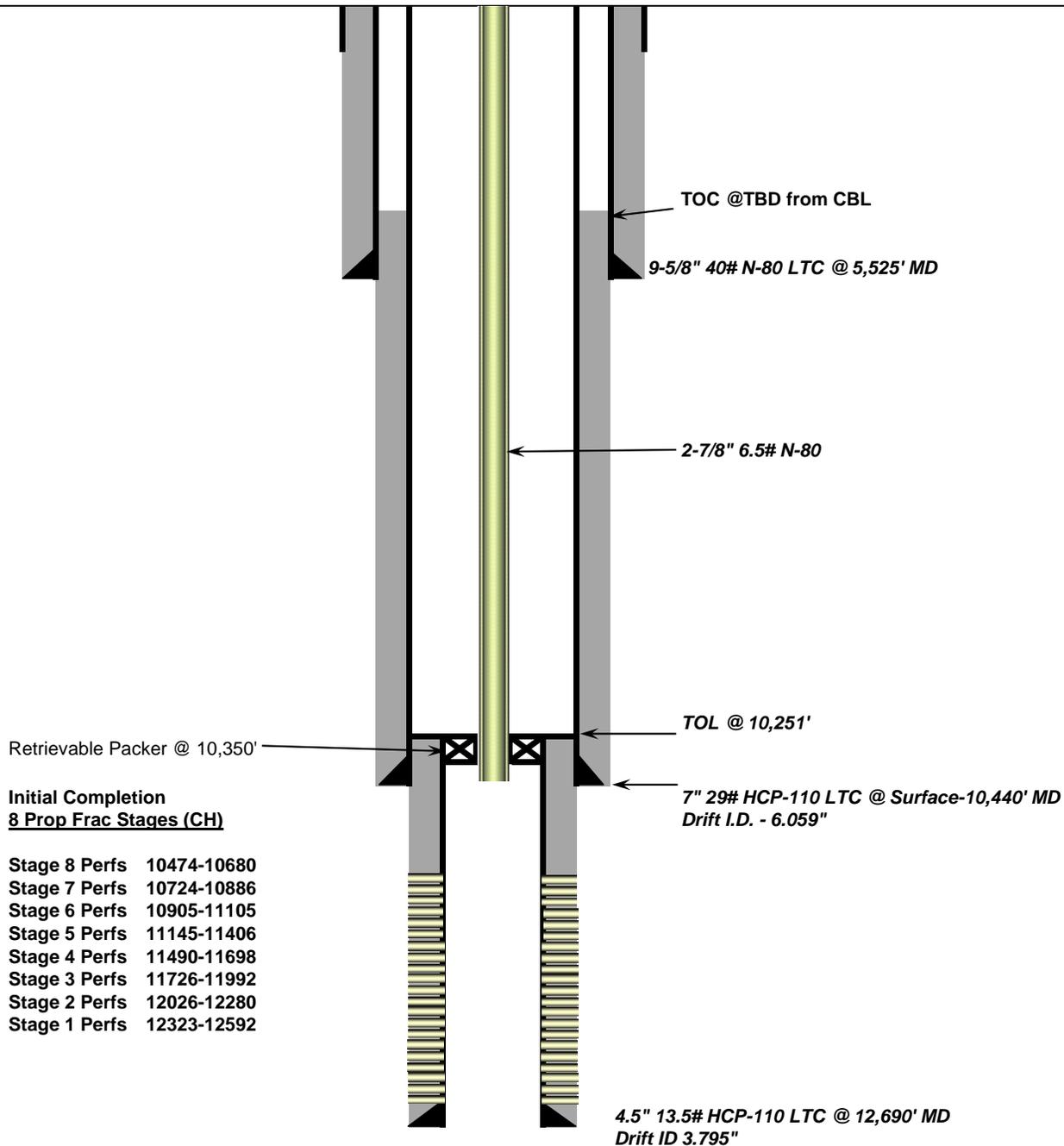




**Initial Completion Wellbore Schematic**

Company Name: EP Energy  
 Well Name: Golinski 4-24 B5  
 Field, County, State: Altamont - Bluebell, Duchesne, Utah  
 Surface Location: Lat: 40°17'17.007N Long: 110°23'38.090W  
 Producing Zone(s): Wasatch

Last Updated: 10/24/2012  
 By: Holden Mayo  
 TD: 12,690  
 BHL: \_\_\_\_\_  
 Elevation: \_\_\_\_\_



**Initial Completion  
8 Prop Frac Stages (CH)**

- Stage 8 Perfs 10474-10680
- Stage 7 Perfs 10724-10886
- Stage 6 Perfs 10905-11105
- Stage 5 Perfs 11145-11406
- Stage 4 Perfs 11490-11698
- Stage 3 Perfs 11726-11992
- Stage 2 Perfs 12026-12280
- Stage 1 Perfs 12323-12592

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: EP Energy E&P Company, L.P. Operator Account Number: N 3850  
 Address: 1001 Louisiana, Room 2730D  
city Houston  
state TX zip 77002 Phone Number: (713) 997-5038

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351404	Golinski 4-24B5		SWSE	24	2S	5W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	18778	8/31/2012			10/31/2012	
Comments: <u>GR-WS</u>						<b>CONFIDENTIAL</b>	

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351486	Seeley 4-3B3		SESE	3	2S	3W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	18779	10/1/2012			10/31/12	
Comments: <u>GR-WS</u>						<b>CONFIDENTIAL</b>	

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments: 							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Maria S. Gomez

Name (Please Print)

*Maria S. Gomez*

Signature

Principle Regulatory Analyst

7/11/2012

Title

Date

**RECEIVED**  
**OCT 30 2012**

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> GOLINSKI 4-24B5	
<b>2. NAME OF OPERATOR:</b> EP ENERGY E&P COMPANY, L.P.		<b>9. API NUMBER:</b> 43013514040000	
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana , Houston, TX, 77002	<b>PHONE NUMBER:</b> 713 997-5038 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0954 FSL 1323 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 24 Township: 02.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/26/2012	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached for details. FINAL REPORT.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 27, 2012</b>			
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principal Regulatory Analyst	
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/26/2012	

**1 General****1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

**1.2 Well Information**

Well	GOLINSKI 4-24B5		
Project	ALTAMONT FIELD	Site	GOLINSKI 4-24B5
Rig Name/No.	PRECISION DRILLING/404	Event	DRILLING LAND
Start Date	9/4/2012	End Date	
Spud Date/Time	9/17/2012	UWI	GOLINSKI 4-24B5
Active Datum	KB @6,343.0ft (above Mean Sea Level)		
Afe No./Description	156740/46704 / GOLINSKI 4-24B5		

**2 Summary****2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
9/5/2012	6:00 6:00	24.00	DRLSURF	07		P	40.0	MI/RU PROPETRO. DRILLED 17.5" HOLE 40' - 1,052'. RAN 23 JTS 13-3/8" 54.5 # J-55 STC CSG. SET CSG SHOE @ 1,019'. CMT WITH 1250 SX ( 256 BBLS ) 15.8 PPG Y: 1.15 PREMIUM CMT + 2% CACL + 1/4 PPS FLOCEL. HAD 60 BBLS (223 SK'S) OFGOOD CMT RETURNED TO SURFACE. RD PROPETRO. NOTE: HIT WATER AT 370' AND 440'
9/12/2012	6:00 6:00	24.00	RDMO	02		P	1,052.0	100% RIGGED DOWN, 25% MOVED TO GOLINSKI 4-24B5
9/13/2012	6:00 6:00	24.00	MIRU	01		P	1,052.0	MOVE IN & RIG UP ON GOLINSKI 4-24B5. 90% MOVED IN, 40 % RIGGED UP.
9/14/2012	6:00 4:00	22.00	MIRU	01		P	1,052.0	MOVE IN & RIG UP. CSI INSPECTED WELDS ON DERRICK, ALL OK. RAISE DERRICK & RIG UP FLOOR.
	4:00 6:00	2.00	MIRU	42		N	1,052.0	INSTALLING TDU TORQUE TUBE IN DERRICK. 100% MOVED IN, 60 % RIGGED UP.
9/15/2012	6:00 20:00	14.00	MIRU	42		N	1,052.0	INSTALLED TDU TORQUE TUBE IN DERRICK.
	20:00 0:00	4.00	MIRU	01		P	1,052.0	PICK UP TOP DRIVE & HANG SERVICE LOOP.
	0:00 4:30	4.50	MIRU	42		N	1,052.0	CHANGE OIL IN TDU POWER UNIT & PURGE HYD LINES.
	4:30 6:00	1.50	MIRU	01		P	1,052.0	HOOK UP SERVICE LOOP & INSTALL SAVER SUB.
9/16/2012	6:00 3:30	21.50	MIRU	47		N	1,052.0	TROUBLE SHOT & REPAIRED ELECTRICAL ON TDU.
	3:30 4:30	1.00	MIRU	01		P	1,052.0	PERFORM PRE-SPUD INSPECTION. RIG ON RATE @ 04:30 HRS 9/16/2012.
	4:30 6:00	1.50	CASCOND	28		P	1,052.0	N/U ANNULAR & ROTATING HEAD.
9/17/2012	6:00 9:00	3.00	CASCOND	28		P	1,052.0	FINISHED NU 13 5/8" 5M HYDRIL & ROTATING HEAD. RU FLOW LINE.
	9:00 13:30	4.50	CASCOND	19		P	1,052.0	PSJM. RU WEATHERFORD. TESTED ANNULAR, HCR VALVE / MANUAL VALVE, CHOKE LINE / CHOKES & KILL LINE VALVES, TIW VALVE, MANUAL & HYD TD VALVES, DART VALVE TO 250 PSI / 2500 PSI W/ 10 MIN PER TEST. TESTED STAND PIPE & PUMP LINES TO 250 PSI / 4M PSI. TESTED CHOKE MANIFOLD TO 250 PSI / 10M PSI W/ 10 MIN PER TEST WHILE PU BHA. RD
	13:30 14:30	1.00	CASCOND	43		N	1,052.0	INSTALLED SOCK ON SERVICE LOOP.
	14:30 19:00	4.50	CASCOND	14		P	1,052.0	PU & TIH W/ 12 1/4" Q506FX PDC BIT, 9 5/8" 5/6 LOBE 4.0 STAGE .11 RPG SH MTR, (1) 9 5/8" NMDC, 8" SHOCK SUB, (5) 8 7/8" DC, (3) 7 7/8" DC, XO SUB, (9) 4 1/2" HWDP & 4 1/2" DP.
	19:00 20:30	1.50	CASCOND	17		P	1,052.0	SLIP & CUT DRILL LINE.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	20:30 21:30	1.00	CASCOND	14		P	1,052.0	TIH TO 1,000' TAG CMT.
	21:30 22:30	1.00	CASCOND	31		P	1,052.0	TEST CASING TO 1,000 PSI FOR 30 MIN.
	22:30 0:30	2.00	CASCOND	32		P	1,052.0	DRILL OUT FLOAT EQUIP, SHOE TRACK & 10'.
	0:30 1:00	0.50	CASCOND	33		P	1,062.0	CBU & PERFORM FIT TO 12.5 EMW WITH 9.3 PPG MUD @ 170 PSI.
	1:00 6:00	5.00	DRLSURF	07		P	1,062.0	DRILLED F/ 1,062' T/ 1,585'.
9/18/2012	6:00 6:30	0.50	DRLSURF	07		P	1,585.0	DRILLED F/ 1,585' T/ 1,605'.
	6:30 7:00	0.50	DRLSURF	11		P	1,605.0	CBU & RUN SLICK LINE SURVEY @ 1,543' 1.4° INC 162.02° AZM.
	7:00 10:00	3.00	DRLSURF	07		P	1,605.0	DRILLED F/ 1,605' T/ 1,884'.
	10:00 10:30	0.50	DRLSURF	12		P	1,884.0	SERVICE RIG & TDU.
	10:30 12:00	1.50	DRLSURF	07		P	1,884.0	DRILLED F/ 1,884' T/ 1,980'.
	12:00 12:30	0.50	DRLSURF	45		N	1,980.0	REPAIR # 1 SHAKER.
	12:30 14:00	1.50	DRLSURF	07		P	1,980.0	DRILLED F/ 1,980' T/ 2,163'.
	14:00 14:30	0.50	DRLSURF	11		P	2,163.0	CBU & RUN SLICK LINE SURVEY @ 2,132' 1.3° INC 257.78° AZM.
	14:30 21:30	7.00	DRLSURF	07		P	2,163.0	DRILLED F/ 2,163' T/ 2,694'.
	21:30 22:30	1.00	DRLSURF	11		P	2,694.0	CBU & RUN SLICK LINE SURVEY @ 2,626' .36° INC 156.25° AZM.
9/19/2012	22:30 4:00	5.50	DRLSURF	07		P	2,694.0	DRILLED F/ 2,694' T/ 3,161'.
	4:00 5:00	1.00	DRLSURF	11		P	3,161.0	CBU & RUN SLICK LINE SURVEY @ 3,093' 1.15° INC 157.28° AZM.
	5:00 6:00	1.00	DRLSURF	07		P	3,161.0	DRILLED F/ 3,161' T/ 3,231'.
	6:00 13:30	7.50	DRLSURF	07		P	3,231.0	DRILLED F/ 3,231' T/ 3,658'.
	13:30 14:00	0.50	DRLSURF	12		P	3,658.0	SERVICE RIG & TDU.
	14:00 16:30	2.50	DRLSURF	07		P	3,658.0	DRILLED F/ 3,658' T/ 3,730'.
9/20/2012	16:30 17:30	1.00	DRLSURF	15		P	3,730.0	CBU. FLOW CHECK, WELL STATIC.
	17:30 2:00	8.50	DRLSURF	13		P	3,730.0	POOH. BACK REAMED F/ 2,380' TO SHOE @ 1,022'. 40-60K OVER PULL. L/D BIT & SHM. ( LOST RETURNS @ 2,197', PUMPED LCM SWEEPS AND REGAINED RETURNS )
	2:00 6:00	4.00	DRLSURF	13		P	3,730.0	P/U BIT # 2 12-1/4" SEC FX75DM & 9-5/8" SHM. TIH.
	6:00 6:30	0.50	DRLSURF	13		P	3,730.0	TIH F/ 3,345' T/ 3,730'.
	6:30 11:30	5.00	DRLSURF	07		P	3,730.0	DRILLED F/ 3,730' T/ 3,845' ( 130 BPH LOSSES @ 3,745', TREATED WITH 30 PPB LCM SWEEPS )
	11:30 12:00	0.50	DRLSURF	12		P	3,845.0	SERVICE RIG & TDU.
9/21/2012	12:00 15:00	3.00	DRLSURF	07		P	3,845.0	DRILLED F/ 3,845' T/ 3,895'.
	15:00 15:30	0.50	DRLSURF	45		N	3,895.0	CHANGE VALVE & SEAT IN # 2 MP.
	15:30 23:00	7.50	DRLSURF	07		P	3,895.0	DRILLED F/ 3,895' T/ 4,121'. ( 218 BPH LOSSES @ 4,080', TREATED WITH 40 PPB LCM SWEEPS )
	23:00 23:30	0.50	DRLSURF	11		P	4,121.0	CIRC & RUN SLICK LINE SURVEY @ 4,056'.66° INC 249.45° AZM.
	23:30 3:00	3.50	DRLSURF	07		P	4,121.0	DRILLED F/ 4,121' T/ 4,215'.
	3:00 3:30	0.50	DRLSURF	43		N	4,215.0	REPAIR HYD OIL LEAK ON TDU.
	3:30 6:00	2.50	DRLSURF	07		P	4,215.0	DRILLED F/ 4,215' T/ 4,298'.
	6:00 8:00	2.00	DRLSURF	07		P	4,298.0	DRILLED F/ 4,298' T/ 4,373'.
9/22/2012	8:00 8:30	0.50	DRLSURF	45		N	4,373.0	REMOVED OBSTRUCTION FROM VALVE SEAT IN MUD PUMP # 1.
	8:30 10:00	1.50	DRLSURF	07		P	4,373.0	DRILLED F/ 4,373' T/ 4,405'.
	10:00 10:30	0.50	DRLSURF	12		P	4,405.0	SERVICED RIG & TDU.
	10:30 4:30	18.00	DRLSURF	07		P	4,405.0	DRILLED F/ 4,405' T/ 4,807'.
	4:30 5:00	0.50	DRLSURF	45		N	4,807.0	REMOVED OBSTRUCTION FROM VALVE SEAT IN MUD PUMP # 2.
	5:00 6:00	1.00	DRLSURF	07		P	4,807.0	DRILLED F/ 4,807' T/ 4,829'.
9/22/2012	6:00 7:30	1.50	DRLSURF	07		P	4,829.0	DRILLED F/ 4,829' T/ 4,870'.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:30 8:00	0.50	DRLSURF	51		N	4,870.0	WORK TIGHT HOLE F/ 4,820' T/ 4,777'.
	8:00 12:30	4.50	DRLSURF	07		P	4,870.0	DRILLED F/ 4,870' T/ 4,931'.
	12:30 18:30	6.00	DRLSURF	13		P	4,931.0	POOH T/ 137'. ATTEMPT TO BREAK CONNECTION BETWEEN MOTOR & NMDC, NO SUCCESS.
	18:30 21:30	3.00	DRLSURF	58		N	4,931.0	PJSM. LD 2- 9" DC. RU & LD NMDC, MOTOR AS DOUBLE.
	21:30 22:30	1.00	DRLSURF	14		P	4,931.0	PU BIT # 3 Q506FX & 9-5/8" HUNTING SHM.
	22:30 1:30	3.00	DRLSURF	13		P	4,931.0	TIH, SET DOWN @ 4,604' WITH 40K.
	1:30 2:00	0.50	DRLSURF	16		P	4,931.0	WASH & REAM F/ 4,604' F/ 4,931'.
	2:00 6:00	4.00	DRLSURF	07		P	4,931.0	DRILLED F/ 4,931' T/ 5,155'.
9/23/2012	6:00 13:30	7.50	DRLSURF	07		P	5,155.0	DRILLED F/ 5,155' T/ 5,341'.
	13:30 14:00	0.50	DRLSURF	12		P	5,341.0	SERVICE RIG & TDU.
	14:00 6:00	16.00	DRLSURF	07		P	5,341.0	DRILLED F/ 5,341' T/ 5,525'.
9/24/2012	6:00 6:30	0.50	CASSURF	15		P	5,525.0	C&C MUD.
	6:30 11:30	5.00	CASSURF	13		P	5,525.0	BACK REAMED F/ 5525' - 4783'. PUMPED SLUG. POOH TO SHOE @ 1022' W/ NO OTHER PROBLEMS.
	11:30 12:00	0.50	CASSURF	12		P	5,525.0	RIG & TD SERVICE.
	12:00 15:00	3.00	CASSURF	13		P	5,525.0	TIH TO 5340' W/ NO PROBLEMS. BROKE CIRC @ 1022' & 3500'.
	15:00 15:30	0.50	CASSURF	16		P	5,525.0	W&R FOR SAFETY TO TD @ 5525'.
	15:30 17:00	1.50	CASSURF	15		P	5,525.0	C&C MUD FOR CSG OPERATIONS. HOLE SEEPING MUD @ 50 BPH. CONTROLLED LOSS W/ SAW DUST.
	17:00 20:00	3.00	CASSURF	13			5,525.0	DROPPED SURVEY TOOL. BACK REAMED (ROUTINE) 2 STANDS DP W/ NO PROBLEMS. PUMPED SLUG. POOH TO BHA.
	20:00 23:00	3.00	CASSURF	14		P	5,525.0	LD BHA. CLEAN & CLEAR RIG FLOOR.
	23:00 6:00	7.00	CASSURF	24		P	5,525.0	PJSM. RU FRANKS CSG CREW. MADE UP & PUMPED THROUGH (1) JT SHOE TRACK. RAN 45 JTS OF 9-5/8" 40# N-80 LTC CSG TO 2,062'. CBU @ 1,002'.
9/25/2012	6:00 14:00	8.00	CASSURF	24		P	5,525.0	FINISHED RUNNING 121 JTS 9-5/8" 40# N-80 LTC CSG. CBU @ 2,500' & 4,000' W/ NO MUD LOSS. LANDED FS @ 5,525' & FC @ 5,475'.
	14:00 16:30	2.50	CASSURF	15		P	5,525.0	C&C MUD @ 6 BPM / 350 PSI. RD FRANKS CSG CREW. PJSM W/ HES. RD FRANKS CIRC/FU TOOL.
	16:30 20:30	4.00	CASSURF	25		P	5,525.0	RU HES CMT HEAD. TESTED LINES TO 5M PSI. PUMPED 100 BBLs FW, 820 SX (463 BBL) 11 PPG 3.17 YLD 65/35 POZ G CMT & 190 SX (45 BBL) 14.2 PPG 1.353YLD HALCO LIGHT PREM CMT. DROPPED SINGLE PLUG. DISPLACED W/ 10 BBL FW, 385 BBL 9.6 PPG MUD & 20 BBL FW @ 6 BPM. NO CMT TO SURFACE. BUMPED PLUG TO 1,025 PSI @ 20:00 HRS. FLOATS HELD.
	20:30 23:00	2.50	CASSURF	25		P	5,525.0	RAN 1" PIPE TO 280'. PERFORMED TOP OUT. PUMPED 150 SX (31BBL) 15.8 PPG 1.15 YLD PREM CMT + 2% CACL2. HAD 7 BBLs CMT RETURNED TO SURFACE. CEMENT DID NOT FALL BACK.
	23:00 2:30	3.50	CASSURF	26		P	5,525.0	WOC. WASHED OUT DIVERTER STACK & FLOW LINE. RD CMT HEAD. PREPARED TO ND DIVERTER STACK.
	2:30 4:30	2.00	CASSURF	29		P	5,525.0	PU DIVERTER STACK. ROUGH CUT & LD 9 5/8" CUT OFF JT. ND DIVERTER STACK.
	4:30 6:00	1.50	CASSURF	27		P	5,525.0	CUT OFF & REMOVED 13 3/8" X 13 5/8" 3M HEAD. MAKE FINAL CUT ON 9 5/8" CSG.
9/26/2012	6:00 9:30	3.50	CASSURF	27		P	5,525.0	FINISHED FINAL CUT ON 9 5/8" CSG. INSTALLED 9 5/8" X 11" 5M SOW MULTI BOWL HEAD. TESTED HEAD TO 2M PSI FOR 10 MIN.
	9:30 15:00	5.50	CASSURF	28		P	5,525.0	PJSM. NU 11" 10M BOPE. WEATHERFORD TORQUED DN BOLTS WITH TORQUE UNIT.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	15:00 21:00	6.00	CASSURF	30		P	5,525.0	PSJM. INSTALLED TEST PLUG. TESTED UPPER & LOWER DP FLEX RAMS, BLINDS, HCR / KILL LINE / MANUAL VALVES 250 / 5M PSI. TESTED ANNULAR 250 / 2,500 PSI. EACH TEST 10 MIN. PULLED TEST PLUG.
	21:00 21:30	0.50	CASSURF	31		P	5,525.0	TESTED CSG TO 2500 PSI / 30 MIN. RD WEATHERFORD.
	21:30 23:30	2.00	CASSURF	28		P	5,525.0	NU ROTATING HEAD. RU FLOWLINE.
	23:30 3:00	3.50	CASSURF	14		P	5,525.0	P/U RYAN ENERGY 6.75" 7/8 LOBE 3.5 STAGE 0.15 RPG 1.5 DEG FBH MUD MOTOR, FLOAT SUB, NMDC, GAP SUB, NMDC. INSTALLED AND TESTED EM TOOL. M/U 8.75" SECURITY MM54D PDC BIT. P/U (16) 6 1/4" DC'S.
	3:00 6:00	3.00	CASSURF	13		P	5,525.0	TIH.
9/27/2012	6:00 7:30	1.50	CASSURF	17		P	5,525.0	SLIP & CUT DRILL LINE
	7:30 8:00	0.50	CASSURF	12		P	5,525.0	SERVICE RIG & TDU
	8:00 8:30	0.50	CASSURF	41		P	5,525.0	B.O.P. DRILL
	8:30 9:30	1.00	CASSURF	13		P	5,525.0	TIH. TAG CMT @ 5,441'
	9:30 10:30	1.00	CASSURF	72		P	5,525.0	DRILL CMT & FLOAT EQUIPMENT TO 5,525'
	10:30 11:00	0.50	DRLINT1	07		P	5,525.0	DRILL 5,525' - 5,535'
	11:00 12:00	1.00	DRLINT1	33		P	5,535.0	CBU - PREFORMED FIT TO 11.7 PPG E.M.W. ( 9.5 PPG MUD + SFC 625 PSI AT TVD 5,535')
	12:00 2:00	14.00	DRLINT1	07		P	5,535.0	DRILL 5,535' - 6,265'
	2:00 3:30	1.50	DRLINT1	45		N	6,265.0	CHANGE OUT 1" HYDR HOSE ON TDU SERVICE LOOP
3:30 6:00	2.50	DRLINT1	07		P	6,265.0	DRILL 6,265' - 6,362'	
9/28/2012	6:00 15:00	9.00	DRLINT1	07		P	6,362.0	DRILL 6,362' - 6,734'
	15:00 15:30	0.50	DRLINT1	12		P	6,734.0	SERVICE RIG & TDU.
	15:30 16:30	1.00	DRLINT1	47		N	6,734.0	WORK ON 3512 SCR ENGINE.
	16:30 1:30	9.00	DRLINT1	07		P	6,734.0	DRILL 6,734' - 7,110'.
	1:30 2:00	0.50	DRLINT1	12		P	7,110.0	SERVICE RIG & TDU.
	2:00 6:00	4.00	DRLINT1	07		P	7,110.0	DRILL 7,110' - 7,215'.
9/29/2012	6:00 11:00	5.00	DRLINT1	07		P	7,215.0	DRILL 7,215' - 7,479'.
	11:00 11:30	0.50	DRLINT1	45		N	7,479.0	WORK ON MUD PUMP #1.
	11:30 13:00	1.50	DRLINT1	07		P	7,479.0	DRILL 7,479' - 7,572'.
	13:00 13:30	0.50	DRLINT1	12		P	7,572.0	SERVICE RIG & TDU.
	13:30 6:00	16.50	DRLINT1	07		P	7,572.0	DRILL 7,572' - 8,121'.
9/30/2012	6:00 7:30	1.50	DRLINT1	07		P	8,121.0	DRILL 8,121' - 8,153'.
	7:30 8:00	0.50	DRLINT1	47		N	8,153.0	GO THROUGH #2 PUMP DUE TO PRESS LOSS.
	8:00 11:30	3.50	DRLINT1	07		P	8,153.0	DRILL 8,153' - 8,224'.
	11:30 12:00	0.50	DRLINT1	12		P	8,224.0	SERVICE RIG & TDU.
	12:00 18:00	6.00	DRLINT1	07		P	8,224.0	DRILL 8,224' - 8,411'.
	18:00 18:30	0.50	DRLINT1	47		P	8,411.0	CLEAN SUCTION MANIFOLD ON #2 PUMP.
	18:30 23:00	4.50	DRLINT1	07		P	8,411.0	DRILL 8,411' - 8,736'.
10/1/2012	6:00 12:30	6.50	DRLINT1	07		P	8,736.0	DRILL 8,736' - 8,969'.
	12:30 13:00	0.50	DRLINT1	12		P	8,969.0	RIG SERVICE.
	13:00 21:30	8.50	DRLINT1	07		P	8,969.0	DRILL 8,969' - 9,222'.
	21:30 22:00	0.50	DRLINT1	60		N	9,222.0	DOWNLINK EM TOOL.
	22:00 6:00	8.00	DRLINT1	07		P	9,222.0	DRILL 9,222' - 9,435'.
10/2/2012	6:00 12:30	6.50	DRLINT1	07		P	9,435.0	DRILL 9,435' - 9,525'.
	12:30 13:00	0.50	DRLINT1	12		P	9,525.0	SERVICE RIG.
	13:00 6:00	17.00	DRLINT1	07		P	9,525.0	DRILL 9,525' - 10,086'.
10/3/2012	6:00 15:00	9.00	DRLINT1	07		P	10,086.0	DRILL 10,086' - 10,366'.
	15:00 15:30	0.50	DRLINT1	12		P	10,366.0	RIG SERVICE.
	15:30 17:30	2.00	DRLINT1	07		P	10,366.0	DRILL 10,366' - 10,450'.
	17:30 19:30	2.00	EVLINT1	15		P	10,450.0	SIMULATE CONN & CIRC B/U.
	19:30 0:00	4.50	EVLINT1	13		P	10,450.0	SHORT TRIP 54 STDS TO CSG SHOE.
	0:00 4:00	4.00	EVLINT1	15		P	10,450.0	C & C MUD FOR LOG'S.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
10/4/2012	4:00 6:00	2.00	EVLINT1	13		P	10,450.0	TRIP OUT TO LOG.
	6:00 7:30	1.50	EVLINT1	13		P	10,450.0	TOOH TO 1, 842'.
	7:30 8:00	0.50	EVLINT1	41		P	10,450.0	HELD BOPE DRILL.
	8:00 9:30	1.50	EVLINT1	13		P	10,450.0	TOOH TO DIRECTIONAL TOOLS.
	9:30 11:00	1.50	EVLINT1	14		P	10,450.0	HPJSM - BREAK OFF BIT - REMOVE EM MWD TOOL - L/D MONEL, MUD MOTOR.
	11:00 16:00	5.00	EVLINT1	22		P	10,450.0	HPJSM - R/U HOWCO WIRE LINE - RAN QUAD COMBO - LOGGERS WLTD 10,458' - R/D SAME.
	16:00 21:00	5.00	CASINT1	13		P	10,450.0	TIH WITH RR BIT # 4, CIR B/U AT 2,695' - TIH TO 5,525' 9 5/8" CSG SHOE.
	21:00 22:30	1.50	CASINT1	15		P	10,450.0	CIR. B/U AT 5,525'. HAD 50 UNITS OF GAS TO SURFACE.
	22:30 3:30	5.00	CASINT1	13		P	10,450.0	STAGE IN THE HOLE TO 10,269' - CIR B/U AT 6,882', HAD 2,200 UNITS GAS, DIVERT TO GAS BUSTER, HAD 8' / 10' FLARE FOR 20 MINUTES.
	3:30 4:00	0.50	CASINT1	16		P	10,450.0	PRE-CAUTIONARY WASH AND REAM LAST 181' TO 10,450' TD - NO FILL.
4:00 6:00	2.00	CASINT1	15		P	10,450.0	CIR B/U AT 10,450' - RAISE MUD WEIGHT F. 10.6 PPG / 10.9 PPG.	
10/5/2012	6:00 8:30	2.50	CASINT1	15		P	10,450.0	C & C MUD.
	8:30 18:00	9.50	CASINT1	13		P	10,450.0	TOH L/D 4 1/2" DRILL PIPE & BHA.
	18:00 20:00	2.00	CASINT1	17		P	10,450.0	SLIP & CUT DRILL LINE.
	20:00 20:30	0.50	CASINT1	42		P	10,450.0	PULL WEAR BUSHING.
	20:30 22:00	1.50	CASINT1	43		N	10,450.0	REPAIR GRABBER HYDRAULICS ON TDU.
	22:00 23:00	1.00	CASINT1	24		P	10,450.0	PJSM. R/U FRANKS WESTATES CSG TOOLS.
	23:00 6:00	7.00	CASINT1	24		P	10,450.0	MAKE UP & PUMP THROUGH SHOE TRACK. RUN 79 JTS OF 7" 29# HCP-110 LTC CSG TO 3,248'. BREAK CIRC EVERY 1,300' & CBU @ 2,428'. REDUCE MW TO 10.5 PPG 45 VIS.
10/6/2012	6:00 22:00	16.00	CASINT1	24		P	10,450.0	RAN 7" 29# HCP-110 LTC CSG TO 10,440'. BREAK CIRC EVERY 1,000' & CBU @ 4,478'. 5,508'. LOST RETURNS @ 6,040'. REDUCE MW TO 10.5 PPG 45 VIS. TOTAL OF 453 BBLS MUD LOST RUNNING & CIRC CSG. MU LANDING HANGER & RD FRANKS CSG EQUIP.
	22:00 1:30	3.50	CASINT1	25		P	10,450.0	RU HES CMT HEAD. TEST LINES TO 5K PSI. PUMPED 50 BBLS FW, 360 SX (147 BBLS) 12 PPG 2.31 YLD PREM CMT & 95 SX (32 BBLS) 12.5 PPG 1.91 YLD PREM CMT. DROPPED SINGLE PLUG. DISPLACED W/ 382 BBLS 10.5 PPG MUD @ 4 BPM. BUMP PLUG W/ 1,925 PSI. FINAL CIRC PRESS 1300 PSI. SHUT DWN @ 01:15 HRS. 10/06/12 FLOATS HELD - RD HES. 611 BBLS MUD LOST PUMPING CMT.
	1:30 4:30	3.00	CASINT1	27		P	10,450.0	RU 3 1/2" HANDLING EQUIP. BACKED OFF 7" LANDING JT. CLEAN TOP OF 7" HANGER IN WELL HEAD, INSTALL 7" PACK ASSEMBLY. PRESS TEST SAME TO 5,000 PSI.
	4:30 6:00	1.50	CASINT1	30		P	10,450.0	RU & TEST BOPE TO 250# LOW, 10,000# HIGH, 10 MINS EACH.
	6:00 13:00	7.00	CASINT1	30		P	10,450.0	TEST BOPE TO 250# LOW 10,000# HIGH. TSET ANNULAR TO 250 LOW 4,000 HIGH. ALL TEST 10 MINS EACH.
10/7/2012	13:00 13:30	0.50	CASINT1	31		P	10,450.0	TESTED 7" CASING TO 2,500 PSI FOR 30 MINS.
	13:30 16:00	2.50	CASINT1	30		P	10,450.0	TEST CHOKE MANIFOLD 250 PSI LOW, 10,000 PSI HIGH, FUNCTION TESTED ALL 3 CHOKES.
	16:00 6:00	14.00	CASINT1	14		P	10,450.0	PJSM. M.U BIT #5 FX64D. P/U BHA & 3 1/2" DRILL PIPE FROM PIPE RACK.
	6:00 9:30	3.50	DRLPRD	14		P	10,450.0	P/U 3 1/2" DRILL PIPE FROM PIPE RACK.
10/8/2012	9:30 10:30	1.00	DRLPRD	72		P	10,450.0	DRILL CMT & FLOAT EQUIP.
	10:30 11:00	0.50	DRLPRD	07		P	10,450.0	DRILL 10,450' -10,460'.
	11:00 11:30	0.50	DRLPRD	15		P	10,460.0	CIRC B/U.
	11:30 12:00	0.50	DRLPRD	33		P	10,460.0	PERFORM F.I.T. TO 2,830 PSI EMW - 15.4 PPG.
	12:00 13:30	1.50	DRLPRD	07		P	10,460.0	DRILL 10,460' - 10,503'.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
10/9/2012	13:30 14:00	0.50	DRLPRD	12		P	10,503.0	SERVICE RIG & TDU.
	14:00 6:00	16.00	DRLPRD	07		P	10,503.0	DRILL 10,503' - 10,885'.
	6:00 12:00	6.00	DRLPRD	07		P	10,885.0	DRILL 10,885' - 10,980'.
	12:00 12:30	0.50	DRLPRD	12		P	10,980.0	SERVICE RIG & TDU.
	12:30 18:30	6.00	DRLPRD	07		P	10,980.0	DRILL 10,980' - 11,077'
	18:30 23:00	4.50	DRLPRD	15		P	11,077.0	C & C MUD ON GAS BUSTER. RAISE MUD WT F/ 10.4 PPG - 11.1 PPG. NO FLOW @ CONNECTION.
10/10/2012	23:00 6:00	7.00	DRLPRD	07		P	11,077.0	DRILL 11,077' - 11,204'.
	6:00 13:00	7.00	DRLPRD	07		P	11,204.0	DRILL 11,204' - 11,268'.
	13:00 13:30	0.50	DRLPRD	12		P	11,268.0	SERVICE RIG & TDU.
10/11/2012	13:30 6:00	16.50	DRLPRD	07		P	11,268.0	DRILL 11,268' - 11,390'.
	6:00 7:00	1.00	DRLPRD	07		P	11,403.0	DRILLED 11,390'-11,403'. ROP DECLINED TO 4FPH.
	7:00 9:30	2.50	DRLPRD	15		P	11,403.0	C&C MUD RAISED MUD WT TO 12.3PPG. PUMPED SLUG.
	9:30 16:30	7.00	DRLPRD	13		P	11,403.0	POOH. LD BIT #5, NES SURVEY TOOL, & MUD MOTOR.
	16:30 17:30	1.00	DRLPRD	13		P	11,403.0	MU BHA #6.
	17:30 18:00	0.50	DRLPRD	12		P	11,403.0	SERVICED RIG.
	18:00 18:30	0.50	DRLPRD	43		N	11,403.0	SECURE TOP DRIVE SERVICE LOOP.
	18:30 0:30	6.00	DRLPRD	13		P	11,403.0	FINISHED PU BHA & TIH TO 11,342'.
	0:30 1:00	0.50	DRLPRD	16		P	11,403.0	WASHED TO BOTTOM @ 11,403'. BU GAS 3,900 UNITS. MUD CUT TO 10.7 PPG. 5' FLARE.
	1:00 1:30	0.50	DRLPRD	07		P	11,403.0	DRILLED 11,403'-11,408'.
	1:30 2:30	1.00	DRLPRD	43		N	11,408.0	TROUBLE SHOOT TOP DRIVE. UNABLE TO ROTATE OVER 60 RPM. MECHANIC IN ROUTE.
	2:30 5:00	2.50	DRLPRD	07		P	11,408.0	DRILLED 11,408'-11,441'.
	5:00 6:00	1.00	DRLPRD	43		N		TROUBLE SHOOT TOP DRIVE.
	10/12/2012	6:00 7:30	1.50	DRLPRD	43		N	11,441.0
7:30 15:30		8.00	DRLPRD	07		P	11,441.0	DRILLED 11,441' - 11,626'.
15:30 16:00		0.50	DRLPRD	12		P	11,626.0	SERVICE RIG & TDU.
16:00 6:00		14.00	DRLPRD	07		P	11,626.0	DRILLED 11,626' - 11,987'.
10/13/2012	6:00 14:00	8.00	DRLPRD	07		P	11,987.0	DRILLED 11,987' - 12,200'.
	14:00 14:30	0.50	DRLPRD	12		P	12,200.0	SERVICE RIG & TDU.
	14:30 6:00	15.50	DRLPRD	07		P	12,200.0	DRILLED 12,200' - 12,543'. MAX GAS 6,139 UNITS. MUD CUT TO 11.5 PPG. 10' FLARE. WT UP TO 13PPG.
10/14/2012	6:00 15:00	9.00	DRLPRD	07		P	12,543.0	DRILLED 12,543'-12,690'.
	15:00 16:30	1.50	EVLPRD	15		P	12,690.0	C&C MUD. BU GAS 4,100 UNITS. MUD CUT TO 11.3PPG. 5' FLARE.
	16:30 17:30	1.00	EVLPRD	42		P	12,690.0	MONITOR WELL. WELL BALLOONED 126 BPH DOWN TO 14 BPH. 44 BBLs BALLOONED BACK.
	17:30 21:30	4.00	EVLPRD	13		P	12,690.0	SHORT TRIP TO CASING SHOE. ( BACK REAMED RESISTANCE FIRST 9 STANDS OUT. REAMED LAST 4 STANDS TO BOTTOM ON TRIP IN. 5' FILL. GAINED 19 BBLs ON TRIP OUT )
	21:30 22:00	0.50	EVLPRD	15		P	12,690.0	C&C MUD AT REDUCED RATE OF 20 SPM. NO LOSS OR GAIN.
	22:00 22:30	0.50	EVLPRD	42		P	12,690.0	MONITOR WELL. WELL BALLOONED 32 BPH DOWN TO 4 BPH. BALLOONED BACK 5 BBLs.
	22:30 4:00	5.50	EVLPRD	15		P	12,690.0	C&C MUD @ 20SPM. MAX GAS 5,300 UNITS. MUD CUT TO 11.3PPG. 10' FLARE FREE VENTING.
	4:00 5:00	1.00	EVLPRD	42		P	12,690.0	MONITOR WELL. WELL BALLOONED 7 BPH DOWN TO 1.8BPH. BALLOONED BACK 6.7 BBLs.
	5:00 6:00	1.00	EVLPRD	15		P	12,960.0	CBU.
	10/15/2012	6:00 13:00	7.00	DRLPRD	15		P	12,690.0
13:00 2:00		13.00	DRLPRD	13		P	12,690.0	POOH. LD STABILIZERS & BIT. FLOW CHECKED @ 10,415', 8,000', 6,000', & 3,000'. WELL STATIC.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	2:00 6:00	4.00	EVLPRD	22		P	12,690.0	PJSM. RU HES & RUN QUAD COMBO, IDT TO 10,990' TAG OBSTRUCTION. POOH LOGGING F/ 10,990'.
10/16/2012	6:00 8:00	2.00	EVLPRD	22		P	12,690.0	POOH LOGGING WITH QUAD COMBO/IDT 10,990'-10,440' WLM. RD LOGGERS.
	8:00 10:30	2.50	DRLPRD	13		P	12,690.0	RIH WITH 6 STANDS 4 3/4" DC. POOH LD SAME.
	10:30 11:00	0.50	DRLPRD	12		P	12,690.0	SERVICED RIG.
	11:00 16:30	5.50	CASPRD1	24		P	12,690.0	PJSM. RU FRANKS. RUN 58 JOINTS 4 1/2" 13.5# HC-P110 LTC TO 2,416' UTILIZING TORQUE TURN. INSTALLED LINER HANGER & RUNNING TOOL.
	16:30 17:00	0.50	CASPRD1	15		P	12,690.0	CBU. CUT MUD WT BACK TO 13.2PPG.
	17:00 3:30	10.50	CASPRD1	24		P	12,690.0	RIH WITH LINER ON DP TO SHOE. ( BROKE CIRCULATION EVERY 1,000'. CBU EVERY 2,000'.)
	3:30 6:00	2.50	CASPRD1	15		P	12,690.0	CBU @ 7" CASING SHOE.
10/17/2012	6:00 6:30	0.50	CASPRD1	15		P	12,690.0	CBU @ 7" CASING SHOE. MAX GAS 5,120 UNITS. MUD CUT TO 10.7 PPG.
	6:30 10:00	3.50	CASPRD1	24		P	12,690.0	CONTINUE RIH WITH 13.5# HC-P110 LTC PROD LINER TO 12,690'.
	10:00 14:00	4.00	CASPRD1	15		P	12,690.0	C & C MUD. MAX GAS 9,000 UNITS MUD CUT TO 10.8 PPG.
	14:00 16:30	2.50	CASPRD1	24		P	12,690.0	RIG UP HALLIBURTON. TESTED LINES TO 9M . PUMPED 20 BBLS 13.2PPG TUNED SPACER & 245 SKS ( 52 BBLS) 14.6 PPG 1.19 YIELD HALCEM PREMIUM CEMENT. WASHED LINES. DROPPED WIPER DART. PUMPED 74 BBL (40 H2O 34 MUD) SHEARED DP WIPER PLUG . DISPLACED CEMENT OUT OF LINER W/ 35 BBLS. BUMPED PLUG TO 2,400 PSI @ 15:51 HRS. FULL RETURNS THROUGH OUT CMT JOB. FLOATS HELD. BLED BACK 1BBL. DROPPED BALL. RUPTURED DISC @ 5,300 PSI. PUMPED BALL DN @ 3 BPM/ 1700 PSI. PRESSURED TO 5,380 PSI. EXPANDED & SET PACKER. PULLED 100K OVER STRING WEIGHT. SET DN 50K. RELEASED SETTING TOOL FROM LINER HANGER. LANDED FS @ 12,690', LC @ 12,604'. LINER TOP @ 10,251'. MARKERS JT @ 11,641'.
	16:30 18:00	1.50	CASPRD1	15		P	12,690.0	CIRC. 1.5 X ANNULAR VOLUME @ 5.5 BPM. 20BBL SPACER RETURNS TO SURFACE. AND 5 BBLS CMT CONTAMINATED MUD.
	18:00 18:30	0.50	CASPRD1	31		P	12,690.0	PERFORM POSITIVE TEST ON LINER TOP TO 1,000 PSI FOR 10MIN.
	18:30 20:30	2.00	CASPRD1	15		P	12,690.0	DISPLACED ANNULAS WITH 2% KCL. FLOW CHECKED WELL. WELL STATIC. RD HES.
	20:30 6:00	9.50	CASPRD1	13		P	12,690.0	POOH LD DRILL PIPE.
10/18/2012	6:00 8:00	2.00	CASPRD1	13		P	12,690.0	LD 3 1/2" DP.
	8:00 9:00	1.00	CASPRD1	17		P	12,690.0	SLIP DRILL LINE & FLUSH SURFACE EQUIPMENT.
	9:00 11:00	2.00	CASPRD1	13		P	12,690.0	LD 3 1/2" DP & HANGER SETTING TOOL.
	11:00 14:00	3.00	CASPRD1	42		P	12,690.0	RU VES & RUN GYRO SURVEY FROM 10,500' TO 12,524'
	14:00 18:30	4.50	CASPRD1	27		P	12,690.0	ND BOPE & B-SECTION.
	18:30 21:00	2.50	CASPRD1	27		P	12,690.0	INSTALL 7-1/16" 10M TBG HEAD & FRAC VALVE. TEST TO 5,000 PSI 10 MIN. RIG RELEASED @ 21:00 HRS 10/17/12
	21:00 6:00	9.00	RDMO	02		P	12,690.0	RIG DOWN.
10/19/2012	6:00 6:00	24.00	RDMO	02		P	12,690.0	RIG DOWN. LD TOP DRIVE & DERRICK. RD BACK YARD. HAUL DRILL PIPE & MISC. LOADS.

**1 General****1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

**1.2 Well Information**

Well	GOLINSKI 4-24B5		
Project	ALTAMONT FIELD	Site	GOLINSKI 4-24B5
Rig Name/No.		Event	COMPLETION LAND
Start Date	10/23/2012	End Date	
Spud Date/Time	9/17/2012	UWI	GOLINSKI 4-24B5
Active Datum	KB @6,343.0ft (above Mean Sea Level)		
Afe No./Description	156740/46704 / GOLINSKI 4-24B5		

**2 Summary****2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
10/23/2012	7:00 15:00	8.00	SITEPRE	18		P		SET DEAD MEN & PREP LOCATION FOR FRAC
10/24/2012	7:00 15:00	8.00	WBP	18		P		TRAVEL TO LOCATION. HOLD SAFETY ON RIGGING UP WIRELINE EQUIPMENT. FILL OUT & REVIEW JSA. RU WIRELINE TRUCK. RIH W/ GUAGE RING & TAG FILL @ 12408' APROXIMATLEY 200' ABOVE FLOAT COLLAR. POOH W/ GUAGE RING. RD WIRELINE TRUCK. CALL FOR RIG & EQUIPMENT TO CLEAN OUT WELL BORE TO FLOAT COLLAR
10/25/2012	6:00 7:30	1.50	MIRU	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIGGING UP RIG. FILL OUT & REVIEW JSA
	7:30 9:00	1.50	MIRU	01		P		MOVE RIG TO LOCATION & RIG UP
	9:00 12:00	3.00	WBP	16		P		ND FRAC VALVE. NU BOP. SET PIPE RACKS & UNLOAD TBG
	12:00 18:00	6.00	WBP	24		P		TIH W/ BIT, BIT SUB, 4 2-7/8" DRILL COLLARS, X-OVER, 76 JTS 2-3/8"EUE TBG, X-OVER & 185 JTS 2-7/8"EUE TBG. SDFN
10/26/2012	6:00 7:30	1.50	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON POWER SWIVEL SAFETY. FILL OUT & REVIEW JSA.
	7:30 10:00	2.50	WBP	24		P		CONTINUE PICKING UP 123 JTS 2-7/8"EUE TBG. TAG FILL @ 12581'.
	10:00 12:30	2.50	WBP	18		P		RU PUMP & POWER SWIVEL
	12:30 16:30	4.00	WBP	10		P		BREAK REVERSE CIRCULATION & CLEAN OUT TO LANDING COLLAR @ 12597' SLM. DRILL LANDING COLLAR & CMT TO FLOAT COLLAR @ 12639' SLM. CIRCULATE CLEAN
	16:30 17:00	0.50	WBP	18		P		RD POWER SWIVEL
	17:00 18:00	1.00	WBP	24		P		LD 56 JTS 2-7/8"EUE TBG. SDFN
10/27/2012	6:00 7:30	1.50	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON LAYING DOWN TBG. FILL OUT & REVIEW JSA
	7:30 13:30	6.00	WBP	24		P		CONTINUE TOOH LAYING DOWN TBG & DRILL COLLARS
	13:30 20:00	6.50	WBP	18		P		RU WIRELINE TRUCK & RUN CBL/GR/CCL LOG FROM PBDT @ 12640' CORROLATED DEPTH TO 5000'. FOUND CMT TOP @ 5800'. RD WIRELINE TRUCK. SDFN
10/28/2012	6:00 7:30	1.50	WBP	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PRESSURE TESTING CSG. FILL OUT z& REVIEW JSA.
	7:30 11:30	4.00	WBP	18		P		RU TEST UNIT & RPESSURE CSG TO 4700 PSI W/ RIG PUMP. PRESSURE CSG TO 7600 PSI W/ TEST UNIT FOR 15 MINUTES. TESTED OK. PRESSURE TEST BOP TO 8500 PSI.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	11:30 13:00	1.50	RDMO			P		RD RIG & EQUIPMENT. MOVE OFF LOCATION
10/29/2012	6:00 6:00	24.00						NO ACTIVITY. SHUT DOWN FOR SUNDAY
10/30/2012	6:00 6:00	24.00	STG01	18		P		HEAT FRAC WTR. SET SAND MASTERS, RU FLOWLINE & SET BURM AROUND ACID TANKS
10/31/2012	6:00 7:30	1.50	STG01	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PRESSURE TESTING CSG. FILL OUT & REVIEW JSA
	7:30 11:30	4.00	STG01	18		P		PRESSURE TEST CSG TO 9000 PSI FOR 30 MINUTES. TESTED GOOD
	11:30 14:00	2.50	STG01	21		P		PERFORATE STAGE 1 PERFORATIONS 12323' TO 12592' WHILE HOLDING 1500 PSI ON CSG. SAW NO PRESSURE CHANGE WHILE PERFORATING.
	14:00 16:00	2.00	STG01	16		P		RU CSG ISOLATION TOOL.
	16:00 19:00	3.00	STG01	16		P		SPOT & RU FRAC EQUIPMENT
11/1/2012	6:00 7:30	1.50	STG01	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON FRAC SAFETY. FILL OUT & REVIEW JSA
	7:30 15:00	7.50	STG01	42		P		WHILE PRESSURE TESTING LINES, 10K RATED LINES WERE PRESSURED TO 12220 PSI. WEATHERFORD POLICY IS ANY LINE PRESSURED 10% ABOVE RATING IS TO BE PUT OUT OF SERVICE. BREAK OUT 4" LINES (2). WAIT ON 3" IRON 15K IRON TO ARRIVE. RU 4 3" LINES.
	15:00 17:00	2.00	STG01	35		P		PRESSURE TEST LINES TO 9481 PSI. SICP 2250 PSI. BREAK DOWN STAGE 1 PERFS @ 5547 PSI, 5 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 28 BPM, MAX RATE 46 BPM, AVG PRESS 6288 PSI . MAX PRESS 7375 PSI. I.S.I.P 4806 PSI F.G. .82. 5 MINUTE 4637 PSI, 10 MINUTE 4414 PSI, 15 MINUTE 4155 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 120520 LBS SINTERLITE 20/40 SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 59 BPM, MAX RATE 71 BPM. AVG PRESS 6210 PSI, MAX PRESS 7266 PSI. I.S.I.P.5531 PSI F.G. .87. 5 MIN 5366 PSI 10 MIN 5172 PSI 15 MIN 5000 PSI SHUT WELL IN. 2799 BBLS FLUID .TO RECOVER TURNED WELL OVER TO WIRELINE.
	17:00 1:30	8.50	STG01			P		WAIT 1 HR FOR SAND TO SETTLE.EQUALIZE LUBBRICATOR.RIH W/ GUAGE RING TO 12304'. RIH & SET CBP @ 12295'. PERFORATE STAGE 2 PERFORATIONS 12026' TO 12280', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. WHILE SHOOTING PERFS 12042 TO 12044' GUN ABOVE SHOT ALSO PERFORATING 12039' TO 12041'. POOH & PU NEW GUN RIH & SHOOT 12026' TO 12028'. SAW NO PRESSURE CHANGE. SDFN
11/2/2012	6:30 7:00	0.50	STG02	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON FRAC SAFETY. FIL OUT & REVIEW JSA
	7:00 9:30	2.50	STG02	35		P		PRESSURE TEST LINES TO 9367 PSI. SICP 1182 PSI. BREAK DOWN STAGE 2 PERFS @ 6231 PSI, 8.1 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID. I.S.I.P 5007 PSI F.G. .84. 5 MINUTE 4967 PSI, 10 MINUTE 4849 PSI, 15 MINUTE 4683 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 119840 LBS SINTERLITE 20/40 SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 60 BPM, MAX RATE 71 BPM. AVG PRESS 6169 PSI, MAX PRESS 6950 PSI. I.S.I.P. 5964 PSI F.G. .91. 5 MIN 5718 PSI. 10 MIN 5536 PSI, 15 MIN 5400 PSI. SHUT WELL IN. 2747 BBLS TO RECOVER WAIT 1 HOUR FOR SAND TO SETTLE THEN TURNED WELL OVER TO WIRELINE.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	9:30 13:00	3.50	STG03	21		P		EQUALIZE LUBRICATOR . RIH W/ 3-1/2"GUAGE RING TO 12025'. POOH. RIH & SET CBP @ 12005'. PERFORATE STAGE 3 PERFORATIONS 11726' TO11992', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. SAW NO PRESSURE CHANGE
	13:00 15:30	2.50	STG03	35		P		PRESSURE TEST LINES TO9712 PSI. SICP 4009 PSI. BREAK DOWN STAGE 3 PERFS @ 6020 PSI, 8.2 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID. I.S.I.P 5169 PSI F.G. .86. 5 MINUTE 5046 PSI, 10 MINUTE 4985 PSI, 15 MINUTE 4940 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 118700 LBS SINTERLITE 20/40 SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 61 BPM, MAX RATE 72 BPM. AVG PRESS 6153 PSI, MAX PRESS 7583 PSI. I.S.I.P. 5810 PSI F.G. .92. 5 MIN 5543 PSI. 10 MIN 5494 PSI, 15 MIN 5434 PSI. SHUT WELL IN. 2735 BBLS TO RECOVER WAIT 1 HOUR FOR SAND TO SETTLE THEN TURNED WELL OVER TO WIRELINE.
	15:30 17:00	1.50	STG04	21		P		EQUALIZE LUBRICATOR. RIH & SET CBP @ 11712'. PERFORATE STAGE 4 PERFORATIONS 11490' TO11698', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. LOST 400 PSI WHILE PERFORATING
	17:00 19:00	2.00	STG04	35		P		PRESSURE TEST LINES TO 9144 PSI. SICP 4458 PSI. BREAK DOWN STAGE 4 PERFS @ 5351 PSI, 5.3 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID. I.S.I.P 4606 PSI F.G. .83. 5 MINUTE 4457 PSI, 10 MINUTE 4358 PSI, 15 MINUTE 4276 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 119780 LBS SINTERLITE 20/40 SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 60 BPM, MAX RATE 72 BPM. AVG PRESS 5797 PSI, MAX PRESS 7248 PSI. I.S.I.P. 5512 PSI F.G. .90. SHUT WELL IN FOR NIGHT.
11/3/2012	6:00 7:30	1.50	STG05	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON WIRELINE SAFETY. FILL OUT & REVIEW JSA
	7:30 8:30	1.00	STG05	21		P		EQUALIZE LUBRICATOR. RIH & SET CBP @ 11420 PERFORATE STAGE 5 PERFORATIONS 11145' TO11406', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. LOST 400 PSI WHILE PERFORATING
	8:30 11:00	2.50	STG05	35		P		PRESSURE TEST LINES TO 9548 PSI. SICP 1569 PSI. BREAK DOWN STAGE 5 PERFS @ 4781 PSI, 8.7 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID. I.S.I.P 4251 PSI F.G. .81. 5 MINUTE 4027 PSI, 10 MINUTE 3960 PSI, 15 MINUTE 3760 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 119600 LBS SINTERLITE 20/40 SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 64 BPM, MAX RATE 70 BPM. AVG PRESS 5009 PSI, MAX PRESS 6246 PSI. I.S.I.P. 4624 PSI F.G..84. 5 MIN 4474 PSI. 10 MIN 4392 PSI, 15 MIN 4347 PSI. SHUT WELL IN. 2713 BBLS TO RECOVER WAIT 1 HOUR FOR SAND TO SETTLE THEN TURNED WELL OVER TO WIRELINE.
	11:00 13:30	2.50	STG06	21		P		EQUALIZE LUBRICATOR. RIH & SET CBP @ 11120' PERFORATE STAGE 6 PERFORATIONS 10905' TO 11105', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. LOST 500 PSI WHILE PERFORATING

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	13:30 14:30	1.00	STG06	35		P		PRESSURE TEST LINES TO 9501 PSI. SICP 2966 PSI. BREAK DOWN STAGE 6 PERFS @ 3515 PSI, 9 BPM . TREATED PERFS W/ 1500 GALS 15% HCL ACID IN 3 5000 GALLON STAGES W/ 2 2500 GAL ROCK SALT DIVERTER STAGES. SAW FAIR DIVERSION ON 2ND DIVERTER STAGE. IS.I.P 3284 PSI F.G. .73. 5 MINUTE 2954 PSI, 10 MINUTE 2809 PSI, 15 MINUTE 2720 PSI . AVG RATE 35 BPM, MAX RATE 55 BPM. AVG PRESS 3855 PSI, MAX PRESS 5842 PSI. 883 BBLs TO RECOVER. TURNED WELL OVER TO WIRELINE.
	14:30 15:30	1.00	STG07	21		P		EQUALIZE LUBRICATOR. RIH & SET CBP @ 10900' PERFORATE STAGE 7 PERFORATIONS 10724' TO 10886', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. DID NOT LOSE ANY PRESSURE WHILE PERFORATING
	15:30 18:00	2.50	STG07	35		P		PRESSURE TEST LINES TO 9380 PSI. SICP 1985 PSI. BREAK DOWN STAGE 7 PERFS @ 3244 PSI, 8.8 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID. I.S.I.P 3477 PSI F.G. .75. 5 MINUTE 2947 PSI, 10 MINUTE 2622 PSI, 15 MINUTE 2512 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 119600 LBS SINTERLITE 20/40 SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 64 BPM, MAX RATE 70 BPM. AVG PRESS 5009 PSI, MAX PRESS 6246 PSI. I.S.I.P. 4624 PSI F.G..84. 5 MIN 4474 PSI. 10 MIN 4392 PSI, 15 MIN 4347 PSI. AVG RATE 68 BPM, MAX RATE 71 BPM. AVG PRESS 3123 PSI, MAX PRESS 5251 PSI. SHUT WELL IN. 2405 BBLs TO RECOVER WAIT 1 HOUR FOR SAND TO SETTLE THEN TURNED WELL OVER TO WIRELINE.
	18:00 20:00	2.00	STG08			P		EQUALIZE LUBRICATOR. RIH & SET CBP @ 10695' PERFORATE STAGE 8 PERFORATIONS 10474' TO 10680', USING 2-3/4" HSC GUNS, 15 GRAM CHARGES,3 JSPF, 120 DEGREE PHASING. DID NOT LOSE ANY PRESSURE WHILE PERFORATING. RD WIRELINE TRUCK. SDFN
11/4/2012	6:00 8:00	2.00	STG08	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON FRAC SAFETY. FILL OUT & REVIEW JSA
	8:00 9:30	1.50	STG08	35		P		PRESSURE TEST LINES TO 9300 PSI. SICP 1580 PSI. BREAK DOWN STAGE 8 PERFS @ 3628 PSI, 9 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID. I.S.I.P 3288 PSI F.G. .74. 5 MINUTE 3009 PSI, 10 MINUTE 2922 PSI, 15 MINUTE 2848 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 107220 LBS SINTERLITE 20/40 SAND IN 1PPG, 1.5 PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 65 BPM, MAX RATE 71 BPM. AVG PRESS 4081 PSI, MAX PRESS 5154 PSI. I.S.I.P. 4052 PS 2827 BBLs TO RECOVER.
	9:30 15:00	5.50	RDMO	02		P		RD FRAC EQUIPMENT & STINGER CSG ISOLATION TOOL. SDFN
11/5/2012	6:00 7:30	1.50	CTU	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON COIL TBG SAFETY. FILL OUT & REVIEW JSA
	7:30 11:00	3.50	CTU	01		P		RU COIL TBG UNIT. MU
	11:00 23:00	12.00	CTU	10		P		CUT COIL. INSTALL & TEST COIL CONNECTOR. MU MOTOR ASSEMBLY. FUNCTION TEST MOTOR. PRESSURE TEST STACK TO 3000 PSI. TESTED GOOD. RIH & DRILL COMPOSITE BRIDGE PLUGS & CLEAN OUT TO PBTD ( SEE ATTACHMENT FOR DETAILS). WELL SHOWED GOOD PRESSURE. DID NOT USE NITROGEN FOR DRILL OUT.. CIRCULATE 1 HR IN LINER. STOP @ LINER TOP & CIRCULATE 1 HR. POOH SLOWLY. BREAK OUT TOOLS.
	23:00 1:00	2.00	RDMO	02		P		BLOW COIL TBG DRY. RD COIL TBG UNIT. SDFN

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	1:00 6:00	5.00	FB	19		P		FLOW WELL TO FLOW BACK TANK. OPEN WELL ON 12/64" CHOKE W/ 1750 PSI. RECOVERED 169 BBLS FLUID & PRESSURE ROSE TO 1950 PSI @ REPORT TIME.
11/6/2012	6:00 18:00	12.00	FB	19		P		FLOW WELL TO FLOW BACK TANK. RECOVERED 297 BBLS WTR W/ TRACE OF OIL
	18:00 6:00	12.00	FB	19		P		TURN WELL TO TREATOR. RECOVERED 478 BBLS TTL WTR FOR DAY, 102 BBLS OIL & 97 MCF GAS. WELL FLOWING @ 2000 PSI ON 12/64" CHOKE
11/7/2012	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON SLIPS, TRIPS & FALLS. FILL OUT & REVIEW JSA
	6:30 7:30	1.00	FB	19		P		FLOW WELL TO PRODUCTION FACILITY
	7:30 13:00	5.50	MIRU	01		P		MIRU PEAK 1100. SPOT CATWALK & PIPE RACKS. MOVE TBG TO WELLHEAD. TALLY TBG. SHUT DOWN RIG FOR NIGHT
	13:00 6:00	17.00	FB	17		P		CONTINUE FLOWING WELL TO PRODUCTION FACILITY. RECOVERED 675 MCF GAS, 471 BBLS OIL & 267 BBLS WTR IN 24 HRS
11/8/2012	6:00 7:30	1.50	WLWORK	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON WIRE LINE SAFETY
	7:30 20:00	12.50	WLWORK			P		RU WIRELINE TRUCK. RIH W/ 4-1/2" PKR. SET DOWN JUST INSIDE LINER HANGER. ATTEMPT TO WORK INSIDE LINER. PKR HUNG. OPEN WELL ON 1/2" CHOKE. PKR CAME FREE. POOH W/ PKR. COULD NOT GET PKR INSIDE 4" ID LUBRICATOR. ATTEMPT TO WORK PKR INSIDE LUBRICATOR. RIH W/ PKR & ATTEMPT TO WORK THROUGH LINER HANGER ASSEMBLY. PKR HUNG. PULL OUT OF ROPE SOCKET TOP OF ROPE SOCKET @ 10255'. BOTTOM OF 2-3/8" PUP JT @ 10276'. CENTER ELEMENT OF PKR @ 10267'. POOH W/ WIRELINE. END OF WIRE LINE SHOWED IT HAD PULLED OUT OF ROPE SOCKET. REHEAD WIRELINE & RU LUBRICATOR FOR 7" PKR. RIH W/ 5.90 GUAGE RING TO 10248'. POOH W/ GUAGE RING. SHUT DOWN RIG FOR NIGHT.
	20:00 6:00	10.00	FB	19		P		CONTINUE FLOWING WELL. 24 HR FLOWBACK REPORT GOES AS FOLLOWS, 686 MCF GAS, 432 BBLS OIL & 264 BBLS WTR, FLOWING @ 1800 PSI ON 14/64" CHOKE
11/9/2012	6:00 7:30	1.50	INSTUB	28		P		TAVEL TO LOCATION. HOLD SAFETY MEETING ON PICKING UP TBG. FILL OUT & REVIEW JSA
	7:30 10:00	2.50	INSTUB	27		P		RU WIRELINE TRUCK. RIH W/ 7" PKR & SET @ 10180'. POOH W/SETTING TOOL & RD WIRELINE TRUCK
	10:00 12:30	2.50	INSTUB	15		P		BLEED PRESSURE OFF WELL. PUMP 20 BBLS 2% KCL WTR DOWN CSG.
	12:30 20:30	8.00	INSTUB	24		P		RIH W/ ON/OFF TOOL, 1 JT 2-7/8"EUE TBG, SEAT NIPPLE, 309 JTS 2-7/8"EUE TBG, 8',6' & 4' X 2-7/8"EUE TBG.
	20:30 23:00	2.50	WHDTRE	16		P		ND BOP. NU WELLHEAD
	23:00 1:00	2.00	WHDTRE	18		P		PRESSURE TEST WELLHEAD & CSG TO 2000 PSI. PUMP OUT PLUG @ 3200 PSI
	1:00 6:00	5.00	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. TOTAL PRODUCTION FOR 24 HRS, 430 MCF GAS, 388 BBLS OIL & 287 BBLS WTR. WELL FLOWING @ 2100 PSI ON A 14/64" CHOKE
11/10/2012	6:00 9:00	3.00	FB	28		P		HOLD SAFETY MEETING ON CHANGING CHOKES. FILL OUT & REVIEW JSA. FLOW WELL TO PRODUCTION FACILITY
	9:00 12:00	3.00	RDMO	02		P		RD RIG & PUMP EQUIPMENT. CLEAN WELL HEAD. MOVED EQUIPMENT AWAY FROM WELL HEAD.
	12:00 6:00	18.00	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. IN 24 HRS RECOVERED 574 MCF GAS, 498 BBLS OIL, & 216 BBLS WTR. FLOWING 21740 PSI ON A 14/64" CHOKE
11/11/2012	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON GUAGING TANKS. FILL OUT & REVIEW JSA

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 659 MCF GAS, 422 BBLS OIL & 228 BBLS WTR FLOWING @ 1680 PSI ON A 14/64" CHOKE
11/12/2012	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON CHECKING CHOKE. FILL OUT & REVIEW JSA.
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 633 MCFGAS, 411 BBLS OIL, 217 BBLS WTR FLOWING @ 1580 PSI ON A 14/64" CHOKE
11/13/2012	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON LIGHTING BURNERS. FILL OUT & REVIEW JSA
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 367 MCF GAS, 401 BBLS OIL 212 BBLS OIL FLOWING @ 1530 PSI ON A 14/64" CHOKE
11/14/2012	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON SLIPS TRIPP & FALLS.
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 499 MCF GAS, 367 BBLS OIL, 200 BBLS WTR, FLOWING @1480 PSI ON A 14/64" CHOKE

# CONFIDENTIAL

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT  FORM 8  
(highlight changes)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:  
Golinski 4-24B5

9. API NUMBER:  
4301351404

10. FIELD AND POOL, OR WILDCAT  
Altamont

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
SWSE 24 2S 5W U

12. COUNTY  
Duchesne

13. STATE  
UTAH

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
EP Energy E&P Company, L.P.

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER: (713) 997-5038

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 954 FSL & 1323 FEL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: 954 FSL & 1323 FEL  
AT TOTAL DEPTH: 954 FSL & 1323 FEL

14. DATE SPUDDED: 8/31/2012 15. DATE T.D. REACHED: 10/13/2012 16. DATE COMPLETED: 11/4/2012  
ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 6326

18. TOTAL DEPTH: MD 12,690 TVD 12,677 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
Sonic, Gamma Ray, Resistivity & Neutron Density

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.5	13.375 J55	54.5	0	1,019		Prem 1,250	1,438	0	
12.25	9.625 N80	40	0	5,525		L Prem 1,160	3,029	0	
8.75	7" P110	29	0	10,440		Prem 455	1,013	5800	
6.125	4.5 P110	13.5	10,250	12,690		Prem 245	292	10250	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	10,180	10,180						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	10,474	12,592	10,471	12,579	12,323 12,592	.38	69	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					12,026 12,280	.38	75	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					11,726 11,992	.38	69	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					11,490 11,698	.38	69	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. See attached for further information on #27 & #28.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
12323-12592	5000 gal acid, 3000# 100 mesh, 120520# 20/40 SinterLite
12026-12280	5000 gal acid, 3000# 100 mesh, 119840# 20/40 SinterLite
11726-11992	5000 gal acid, 3000# 100 mesh, 118700# 20/40 SinterLite

29. ENCLOSED ATTACHMENTS: All logs are submitted to UDOGM by vendor.

30. WELL STATUS: Prod

ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: Deviation Report Summary

RECEIVED  
APR 25 2013  
DIV OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 11/5/2012		TEST DATE: 11/4/2012		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 498	GAS - MCF: 574	WATER - BBL: 216	PROD. METHOD: Tubing
CHOKE SIZE: 14/64"	TBG. PRESS. 2,140	CSG. PRESS.	API GRAVITY 42.00	BTU - GAS 1,450	GAS/OIL RATIO 1,153	24 HR PRODUCTION RATES: →	OIL - BBL: 498	GAS - MCF: 574	WATER - BBL: 216	INTERVAL STATUS: Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	5,573
				Middle Green River	7,486
				Lower Green River	8,878
				Wasatch	10,448

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst  
 SIGNATURE *Maria S. Gomez* DATE 4/25/2013

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

**Attachment to Well Completion Report**

**Form 8 Dated April 25, 2013**

**Well Name: Golinski 4-24B5**

**Items #27 and #28 Continued**

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**27. Perforation Record**

<b>Interval (Top/Bottom – MD)</b>	<b>Size</b>	<b>No. of Holes</b>	<b>Perf. Status</b>
11145'-11406'	.38	69	Open
10905'-11105'	.38	69	Open
10724'-10886'	.38	69	Open
10474'-10680'	.38	69	Open

**28. Acid, Fracture, Treatment, Cement Squeeze, Etc.**

<b>Depth Interval</b>	<b>Amount and Type of Material</b>
11490'-11698'	5000 gal acid, 3000# 100 mesh, 119780# 20/40 SinterLite
11145'-11406'	5000 gal acid, 3000# 100 mesh, 119600# 20/40 SinterLite
10905'-11105'	14322 gal acid, 5000# rock salt
10724'-10886'	5000 gal acid, 3000# 100 mesh, 1195600# 20/40 SinterLite
10474'-10680'	5000 gal acid, 3000# 100 mesh, 107220# 20/40 SinterLite

## CENTRAL DIVISION

ALTAMONT FIELD  
GOLINSKI 4-24B5  
GOLINSKI 4-24B5  
GOLINSKI 4-24B5

### **Deviation Summary Report**

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner (s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	GOLINSKI 4-24B5	Wellbore No.	OH
Wellbore Legal Name	GOLINSKI 4-24B5	Common Wellbore Name	GOLINSKI 4-24B5
Project	ALTAMONT FIELD	Site	GOLINSKI 4-24B5
Vertical Section Azimuth		North Reference	True
Origin N/S		Origin E/W	
Spud Date/Time	9/17/2012	UWI	GOLINSKI 4-24B5
Active Datum	KB @6,343.0ft (above Mean Sea Level)		

2 Survey Name

2.1 Survey Name: Survey #1

Survey Name	Survey #1	Company	PROPETRO SERVICES INC
Started	9/3/2012	Ended	
Tool Name	MSS	Engineer	El Paso

2.1.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
0.0	0.00	0.00	0.0	0.00	0.00

2.1.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
9/3/2012	Tie On	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/3/2012	NORMAL	250.0	0.85	152.24	250.0	-1.64	0.86	-1.64	0.34	0.34	0.00	152.24
	NORMAL	490.0	0.30	10.44	490.0	-2.60	1.81	-2.60	0.46	-0.23	-59.08	-170.30
	NORMAL	700.0	0.53	143.98	700.0	-2.84	2.48	-2.84	0.37	0.11	63.59	149.99
	NORMAL	940.0	0.57	181.70	940.0	-4.93	3.09	-4.93	0.15	0.02	15.72	102.78

2.2 Survey Name: Survey #2

Survey Name	Survey #2	Company	PRECISION DRILLING COMPANY LP
Started	9/17/2012	Ended	
Tool Name	MSS	Engineer	El Paso

2.2.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
940.0	0.57	181.70	940.0	-4.93	3.09

2.2.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
9/17/2012	Tie On	940.0	0.57	181.70	940.0	-4.93	3.09	-4.93	0.00	0.00	0.00	0.00
9/21/2012	NORMAL	1,115.0	0.32	206.24	1,115.0	-6.24	2.85	-6.24	0.18	-0.14	14.02	154.52
	NORMAL	1,302.0	0.44	271.92	1,302.0	-6.69	1.90	-6.69	0.23	0.06	35.12	109.09
	NORMAL	1,488.0	0.29	238.69	1,488.0	-6.91	0.79	-6.91	0.14	-0.08	-17.87	-141.17
	NORMAL	1,674.0	0.23	214.32	1,674.0	-7.46	0.18	-7.46	0.07	-0.03	-13.10	-130.30
	NORMAL	1,860.0	0.66	190.57	1,860.0	-8.82	-0.23	-8.82	0.25	0.23	-12.77	-35.39
	NORMAL	2,047.0	1.00	210.08	2,046.9	-11.29	-1.25	-11.29	0.23	0.18	10.43	49.76
	NORMAL	2,233.0	0.98	213.20	2,232.9	-14.03	-2.93	-14.03	0.03	-0.01	1.68	111.91
	NORMAL	2,419.0	1.02	212.09	2,418.9	-16.76	-4.68	-16.76	0.02	0.02	-0.60	-26.40
	NORMAL	2,606.0	1.14	214.62	2,605.8	-19.70	-6.62	-19.70	0.07	0.06	1.35	22.94
	NORMAL	2,792.0	0.97	202.44	2,791.8	-22.68	-8.27	-22.68	0.15	-0.09	-6.55	-133.15
	NORMAL	2,979.0	0.89	207.73	2,978.8	-25.43	-9.55	-25.43	0.06	-0.04	2.83	135.60
	NORMAL	3,165.0	0.93	205.23	3,164.8	-28.07	-10.87	-28.07	0.03	0.02	-1.34	-46.04
9/21/2012	NORMAL	3,352.0	1.11	209.24	3,351.7	-31.03	-12.40	-31.03	0.10	0.10	2.14	23.64
	NORMAL	3,528.0	1.19	217.62	3,527.7	-33.96	-14.35	-33.96	0.11	0.05	4.76	68.79
	NORMAL	3,725.0	1.13	216.22	3,724.7	-37.15	-16.75	-37.15	0.03	-0.03	-0.71	-155.41
	NORMAL	3,911.0	1.26	223.89	3,910.6	-40.10	-19.25	-40.10	0.11	0.07	4.12	54.78
	NORMAL	4,098.0	1.30	214.67	4,097.6	-43.33	-21.88	-43.33	0.11	0.02	-4.93	-83.64
	NORMAL	4,285.0	1.22	185.75	4,284.5	-47.05	-23.29	-47.05	0.34	-0.04	-15.47	-111.48
	NORMAL	4,471.0	1.06	195.34	4,470.5	-50.68	-23.94	-50.68	0.13	-0.09	5.16	134.71
	NORMAL	4,638.0	1.26	190.57	4,637.5	-53.98	-24.69	-53.98	0.13	0.12	-2.86	-28.17
	NORMAL	4,825.0	2.37	208.61	4,824.4	-59.39	-26.91	-59.39	0.66	0.59	9.65	36.45
9/23/2012	NORMAL	5,012.0	2.60	204.29	5,011.2	-66.65	-30.51	-66.65	0.16	0.12	-2.31	-41.33
	NORMAL	5,198.0	1.57	187.83	5,197.1	-73.02	-32.59	-73.02	0.64	-0.55	-8.85	-157.88
	NORMAL	5,385.0	1.48	192.56	5,384.0	-77.92	-33.47	-77.92	0.08	-0.05	2.53	127.91
	NORMAL	5,447.0	1.50	192.72	5,446.0	-79.49	-33.82	-79.49	0.03	0.03	0.26	11.83

2.3 Survey Name: Survey #3

Survey Name	Survey #3	Company	RYAN SERVICES INC
Started	9/26/2012	Ended	
Tool Name	EM	Engineer	Jarvis lehmann

2.3.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
5,447.0	2.00	193.00	5,446.0	-79.23	-37.05

2.3.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
9/26/2012	Tie On	5,447.0	2.00	193.00	5,446.0	-79.23	-37.05	-79.23	0.00	0.00	0.00	0.00
9/26/2012	NORMAL	5,564.0	2.11	209.22	5,562.9	-83.10	-38.56	-83.10	0.50	0.09	13.86	87.47
	NORMAL	5,657.0	1.49	162.41	5,655.9	-85.75	-39.03	-85.75	1.65	-0.67	-50.33	-135.10
	NORMAL	5,750.0	2.02	107.35	5,748.9	-87.39	-37.10	-87.39	1.82	0.57	-59.20	-101.36
	NORMAL	5,844.0	1.41	80.24	5,842.8	-87.69	-34.38	-87.69	1.06	-0.65	-28.84	-139.97
	NORMAL	5,937.0	0.88	48.42	5,935.8	-87.02	-32.72	-87.02	0.87	-0.57	-34.21	-144.98
	NORMAL	6,030.0	0.70	39.85	6,028.8	-86.11	-31.82	-86.11	0.23	-0.19	-9.22	-150.95
	NORMAL	6,123.0	1.58	3.64	6,121.8	-84.39	-31.37	-84.39	1.18	0.95	-38.94	-58.37
	NORMAL	6,216.0	0.88	346.02	6,214.8	-82.42	-31.47	-82.42	0.85	-0.75	-18.95	-160.23
9/27/2012	NORMAL	6,309.0	0.79	331.03	6,307.7	-81.17	-31.95	-81.17	0.25	-0.10	-16.12	-119.77
	NORMAL	6,402.0	1.10	347.42	6,400.7	-79.73	-32.45	-79.73	0.44	0.33	17.62	49.48
	NORMAL	6,496.0	0.79	353.31	6,494.7	-78.21	-32.73	-78.21	0.35	-0.33	6.27	165.53
	NORMAL	6,589.0	0.70	347.95	6,587.7	-77.02	-32.92	-77.02	0.12	-0.10	-5.76	-144.91

## 2.3.2 Survey Stations (Continued)

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
9/27/2012	NORMAL	6,682.0	0.31	358.41	6,680.7	-76.21	-33.04	-76.21	0.43	-0.42	11.25	171.89
	NORMAL	6,775.0	0.88	1.75	6,773.7	-75.24	-33.03	-75.24	0.61	0.61	3.59	5.15
	NORMAL	6,868.0	1.58	10.63	6,866.7	-73.27	-32.77	-73.27	0.78	0.75	9.55	19.70
	NORMAL	6,961.0	1.01	7.81	6,959.7	-71.20	-32.42	-71.20	0.62	-0.61	-3.03	-175.03
	NORMAL	7,055.0	1.01	358.63	7,053.6	-69.55	-32.33	-69.55	0.17	0.00	-9.77	-94.59
	NORMAL	7,148.0	2.29	355.64	7,146.6	-66.88	-32.49	-66.88	1.38	1.38	-3.22	-5.34
9/28/2012	NORMAL	7,241.0	2.50	1.62	7,239.5	-63.00	-32.58	-63.00	0.35	0.23	6.43	52.97
	NORMAL	7,334.0	1.71	347.73	7,332.5	-59.61	-32.81	-59.61	1.01	-0.85	-14.94	-153.96
	NORMAL	7,427.0	1.32	355.51	7,425.4	-57.19	-33.19	-57.19	0.47	-0.42	8.37	156.04
	NORMAL	7,520.0	0.79	4.74	7,518.4	-55.48	-33.22	-55.48	0.60	-0.57	9.92	166.80
	NORMAL	7,613.0	0.79	356.61	7,611.4	-54.20	-33.21	-54.20	0.12	0.00	-8.74	-94.06
	NORMAL	7,706.0	1.80	299.04	7,704.4	-52.85	-34.52	-52.85	1.64	1.09	-61.90	-83.41
	NORMAL	7,800.0	1.80	307.04	7,798.3	-51.25	-36.99	-51.25	0.27	0.00	8.51	94.00
	NORMAL	7,893.0	1.41	327.03	7,891.3	-49.41	-38.78	-49.41	0.73	-0.42	21.49	134.58
	NORMAL	7,986.0	1.10	355.11	7,984.3	-47.56	-39.48	-47.56	0.73	-0.33	30.19	130.32
9/29/2012	NORMAL	8,079.0	0.40	318.95	8,077.3	-46.43	-39.77	-46.43	0.87	-0.75	-38.88	-163.10
	NORMAL	8,172.0	0.48	351.12	8,170.3	-45.80	-40.04	-45.80	0.27	0.09	34.59	88.59
	NORMAL	8,266.0	0.48	1.13	8,264.3	-45.01	-40.09	-45.01	0.09	0.00	10.65	95.00
	NORMAL	8,359.0	0.31	324.62	8,357.3	-44.42	-40.23	-44.42	0.32	-0.18	-39.26	-141.37
	NORMAL	8,452.0	0.31	337.32	8,450.3	-43.98	-40.48	-43.98	0.07	0.00	13.66	96.35
	NORMAL	8,545.0	0.62	217.13	8,543.3	-44.15	-40.88	-44.15	0.88	0.33	-129.24	-139.24
	NORMAL	8,638.0	0.70	209.44	8,636.2	-45.05	-41.46	-45.05	0.13	0.09	-8.27	-51.80
9/30/2012	NORMAL	8,731.0	0.70	194.93	8,729.2	-46.09	-41.88	-46.09	0.19	0.00	-15.60	-97.25
	NORMAL	8,824.0	0.62	183.55	8,822.2	-47.14	-42.06	-47.14	0.16	-0.09	-12.24	-127.00
	NORMAL	8,917.0	0.70	196.52	8,915.2	-48.19	-42.25	-48.19	0.18	0.09	13.95	68.42
	NORMAL	9,010.0	1.19	191.11	9,008.2	-49.68	-42.60	-49.68	0.53	0.53	-5.82	-13.03
	NORMAL	9,103.0	1.58	179.73	9,101.2	-51.91	-42.78	-51.91	0.51	0.42	-12.24	-40.97
	NORMAL	9,196.0	1.19	182.94	9,194.2	-54.16	-42.83	-54.16	0.43	-0.42	3.45	170.35
	NORMAL	9,289.0	1.19	209.74	9,287.1	-55.96	-43.35	-55.96	0.59	0.00	28.82	103.40
10/1/2012	NORMAL	9,382.0	1.71	207.41	9,380.1	-58.03	-44.47	-58.03	0.56	0.56	-2.51	-7.63
	NORMAL	9,475.0	1.19	210.62	9,473.1	-60.09	-45.60	-60.09	0.57	-0.56	3.45	172.72
	NORMAL	9,568.0	1.58	237.91	9,566.1	-61.60	-47.18	-61.60	0.81	0.42	29.34	73.53
	NORMAL	9,661.0	1.41	242.92	9,659.0	-62.81	-49.29	-62.81	0.23	-0.18	5.39	144.93
	NORMAL	9,754.0	1.58	222.75	9,752.0	-64.27	-51.18	-64.27	0.59	0.18	-21.69	-82.35
	NORMAL	9,848.0	1.89	215.02	9,846.0	-66.49	-52.94	-66.49	0.41	0.33	-8.22	-40.96
	NORMAL	9,941.0	2.50	210.71	9,938.9	-69.49	-54.86	-69.49	0.68	0.66	-4.63	-17.30
10/2/2012	NORMAL	10,034.0	2.50	209.44	10,031.8	-73.00	-56.89	-73.00	0.06	0.00	-1.37	-90.63
	NORMAL	10,127.0	2.50	208.03	10,124.7	-76.56	-58.84	-76.56	0.07	0.00	-1.52	-90.70
	NORMAL	10,221.0	2.42	202.54	10,218.6	-80.20	-60.57	-80.20	0.26	-0.09	-5.84	-111.48
	NORMAL	10,314.0	1.89	170.54	10,311.6	-83.53	-61.07	-83.53	1.39	-0.57	-34.41	-129.21
	NORMAL	10,398.0	1.80	163.82	10,395.5	-86.16	-60.47	-86.16	0.28	-0.11	-8.00	-115.92
	NORMAL	10,450.0	1.80	163.82	10,447.5	-87.73	-60.02	-87.73	0.00	0.00	0.00	0.00
10/8/2012	NORMAL	10,546.0	2.00	176.10	10,543.4	-90.85	-59.48	-90.85	0.47	0.21	12.79	70.06
	NORMAL	10,642.0	2.00	174.40	10,639.4	-94.19	-59.21	-94.19	0.06	0.00	-1.77	-90.85
	NORMAL	10,737.0	1.80	174.00	10,734.3	-97.32	-58.89	-97.32	0.21	-0.21	-0.42	-176.41
	NORMAL	10,832.0	1.70	176.30	10,829.3	-100.21	-58.64	-100.21	0.13	-0.11	2.42	146.06
	NORMAL	10,927.0	1.60	173.60	10,924.2	-102.93	-58.40	-102.93	0.13	-0.11	-2.84	-143.48
	NORMAL	11,024.0	1.10	179.30	11,021.2	-105.21	-58.24	-105.21	0.53	-0.52	5.88	167.80
	NORMAL	11,119.0	1.50	173.70	11,116.2	-107.36	-58.09	-107.36	0.44	0.42	-5.89	-20.43
10/9/2012	NORMAL	11,215.0	1.90	168.10	11,212.2	-110.16	-57.63	-110.16	0.45	0.42	-5.83	-25.37
10/10/2012	NORMAL	11,310.0	2.20	187.30	11,307.1	-113.51	-57.53	-113.51	0.78	0.32	20.21	76.20

2.4 Survey Name: Survey #4

Survey Name	Survey #4	Company	NAVIGATE ENERGY SERVICES
Started	10/7/2012	Ended	
Tool Name	MWD	Engineer	El Paso

2.4.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
10,398.0	1.80	163.82	10,395.0	-86.23	-60.58

2.4.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
10/7/2012	Tie On	10,398.0	1.80	163.82	10,395.0	-86.23	-60.58	-86.23	0.00	0.00	0.00	0.00
10/9/2012	NORMAL	10,642.0	2.00	174.40	10,638.9	-94.15	-59.10	-94.15	0.17	0.08	4.34	65.67
	NORMAL	10,737.0	1.80	174.00	10,733.8	-97.28	-58.78	-97.28	0.21	-0.21	-0.42	-176.41
	NORMAL	10,832.0	1.70	176.30	10,828.8	-100.17	-58.53	-100.17	0.13	-0.11	2.42	146.06
	NORMAL	10,927.0	1.60	173.60	10,923.8	-102.90	-58.29	-102.90	0.13	-0.11	-2.84	-143.48
	NORMAL	11,024.0	1.10	179.30	11,020.7	-105.17	-58.13	-105.17	0.53	-0.52	5.88	167.80
	NORMAL	11,119.0	1.50	173.80	11,115.7	-107.32	-57.99	-107.32	0.44	0.42	-5.79	-20.09
	NORMAL	11,215.0	1.90	168.10	11,211.7	-110.13	-57.52	-110.13	0.45	0.42	-5.94	-25.78
	NORMAL	11,310.0	2.20	187.30	11,306.6	-113.48	-57.43	-113.48	0.78	0.32	20.21	76.20

2.5 Survey Name: Survey #5

Survey Name	Survey #5	Company	VAUGHN ENERGY SERVICES LLC (GYRO TECHNOLOGIES INC)
Started	10/17/2012	Ended	
Tool Name	GYRO	Engineer	El Paso

2.5.1 Tie On Point

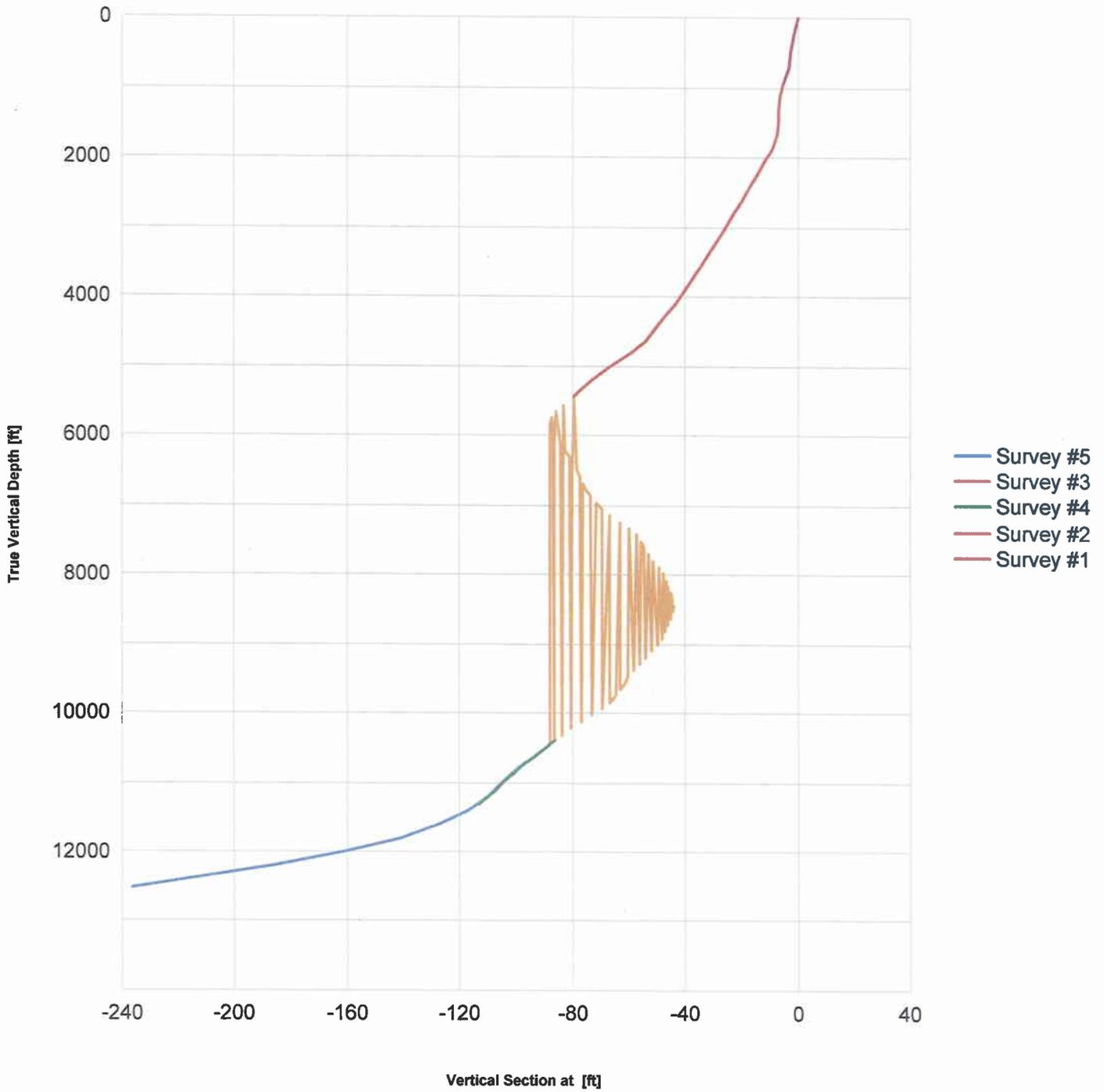
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
10,398.0	1.80	163.82	10,395.5	-86.16	-60.47

2.5.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
10/17/2012	Tie On	10,398.0	1.80	163.82	10,395.5	-86.16	-60.47	-86.16	0.00	0.00	0.00	0.00
10/17/2012	NORMAL	10,500.0	1.95	168.42	10,497.5	-89.39	-59.68	-89.39	0.21	0.14	4.51	48.17
	NORMAL	10,600.0	2.11	173.18	10,597.4	-92.89	-59.12	-92.89	0.23	0.16	4.75	48.12
	NORMAL	10,800.0	1.83	170.62	10,797.3	-99.69	-58.16	-99.69	0.15	-0.14	-1.28	-164.04
	NORMAL	11,000.0	1.24	172.85	10,997.2	-104.98	-57.37	-104.98	0.29	-0.29	1.11	175.30
	NORMAL	11,200.0	1.72	180.45	11,197.1	-110.13	-57.13	-110.13	0.26	0.24	3.80	26.24
	NORMAL	11,400.0	2.38	198.48	11,397.0	-117.07	-58.47	-117.07	0.46	0.33	9.02	53.38
	NORMAL	11,600.0	3.69	203.74	11,596.7	-126.91	-62.38	-126.91	0.67	0.65	2.63	14.70
	NORMAL	11,800.0	5.61	208.51	11,796.1	-141.39	-69.63	-141.39	0.98	0.96	2.38	13.75
	NORMAL	12,000.0	7.59	211.34	11,994.7	-161.27	-81.18	-161.27	1.00	0.99	1.41	10.72
	NORMAL	12,200.0	9.46	214.84	12,192.5	-186.05	-97.44	-186.05	0.97	0.93	1.75	17.29
	NORMAL	12,400.0	11.32	213.58	12,389.2	-215.89	-117.69	-215.89	0.94	0.93	-0.63	-7.54
	NORMAL	12,524.0	11.51	216.01	12,510.8	-236.04	-131.69	-236.04	0.41	0.15	1.95	70.31

### 3 Charts

#### 3.1 Vertical Section.View



3.2 Plan View

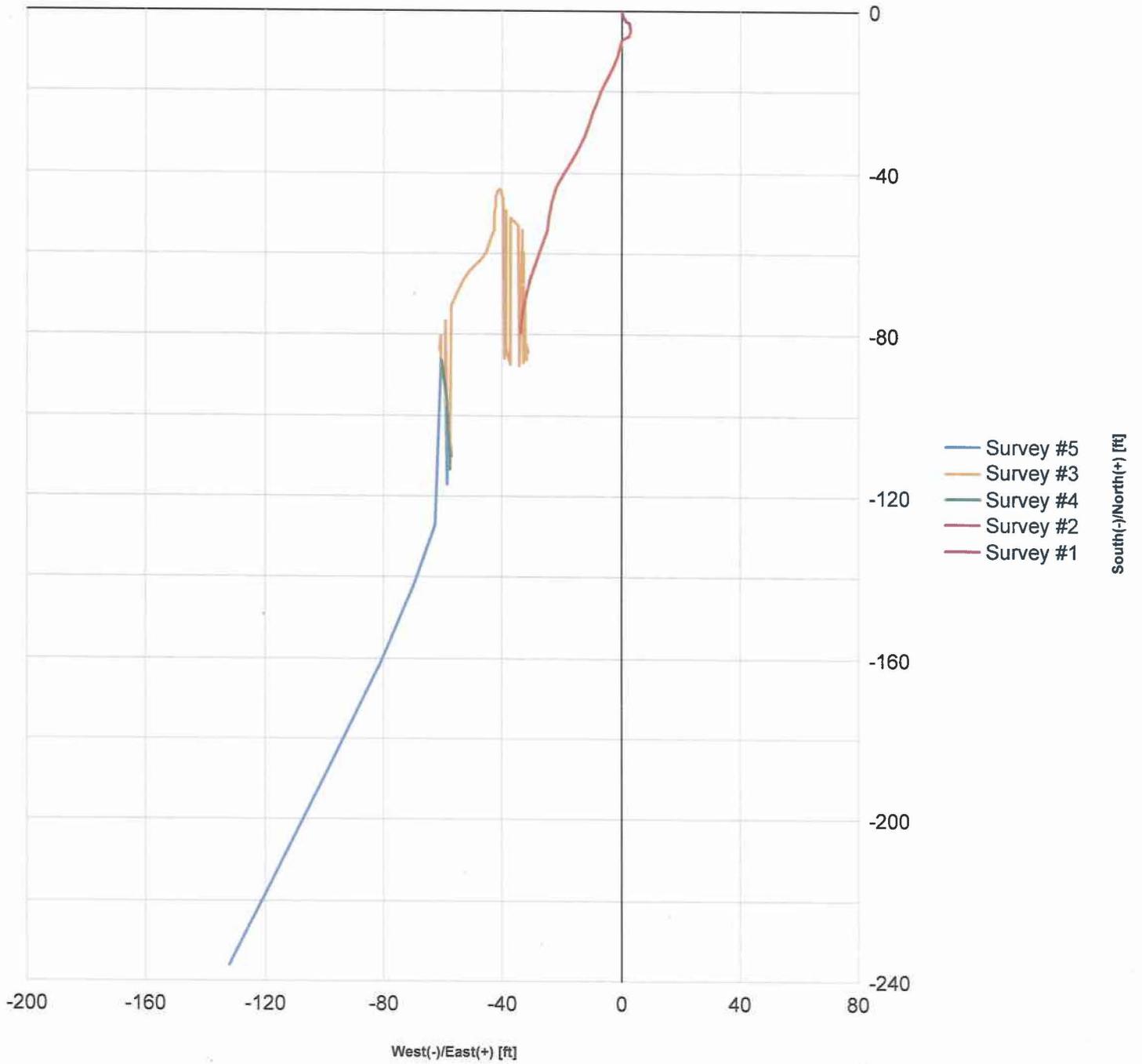


Table of Contents

1	General.....	1
1.1	Customer Information.....	1
1.2	Well Information.....	1
2	Survey Name.....	1
2.1	Survey Name: Survey #1.....	1
2.1.1	Tie On Point.....	1
2.1.2	Survey Stations.....	1
2.2	Survey Name: Survey #2.....	1
2.2.1	Tie On Point.....	1
2.2.2	Survey Stations.....	2
2.3	Survey Name: Survey #3.....	2
2.3.1	Tie On Point.....	2
2.3.2	Survey Stations.....	2
2.4	Survey Name: Survey #4.....	4
2.4.1	Tie On Point.....	4
2.4.2	Survey Stations.....	4
2.5	Survey Name: Survey #5.....	4
2.5.1	Tie On Point.....	4
2.5.2	Survey Stations.....	4
3	Charts.....	5
3.1	Vertical Section View.....	5
3.2	Plan View.....	6

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GOLINSKI 4-24B5
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013514040000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0954 FSL 1323 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>6/24/2013</b>	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

While installing artificial lift EP plans to utilize 5000 gals of acid.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: July 03, 2013

By: *Derek Duff*

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 6/24/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
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1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	8. WELL NAME and NUMBER: GOLINSKI 4-24B5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0954 FSL 1323 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 02.0S Range: 05.0W Meridian: U	9. API NUMBER: 43013514040000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	9. FIELD and POOL or WILDCAT: ALTAMONT
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5138 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0954 FSL 1323 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0954 FSL 1323 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 02.0S Range: 05.0W Meridian: U	COUNTY: DUCHESNE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0954 FSL 1323 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 02.0S Range: 05.0W Meridian: U	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/12/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This state recom procedure was submitted last week but there was an error. Instead of plugging back in the 7" casing we will plug back in the 5" casing.

**Approved by the**  
**November 09, 2016**  
**Oil, Gas and Mining**

Date: \_\_\_\_\_  
 By: DeKQ Quif

<b>NAME (PLEASE PRINT)</b> Linda Renken	<b>PHONE NUMBER</b> 713 997-5138	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/31/2016	

## *Golinski 4-24B5 Recom Summary Procedure*

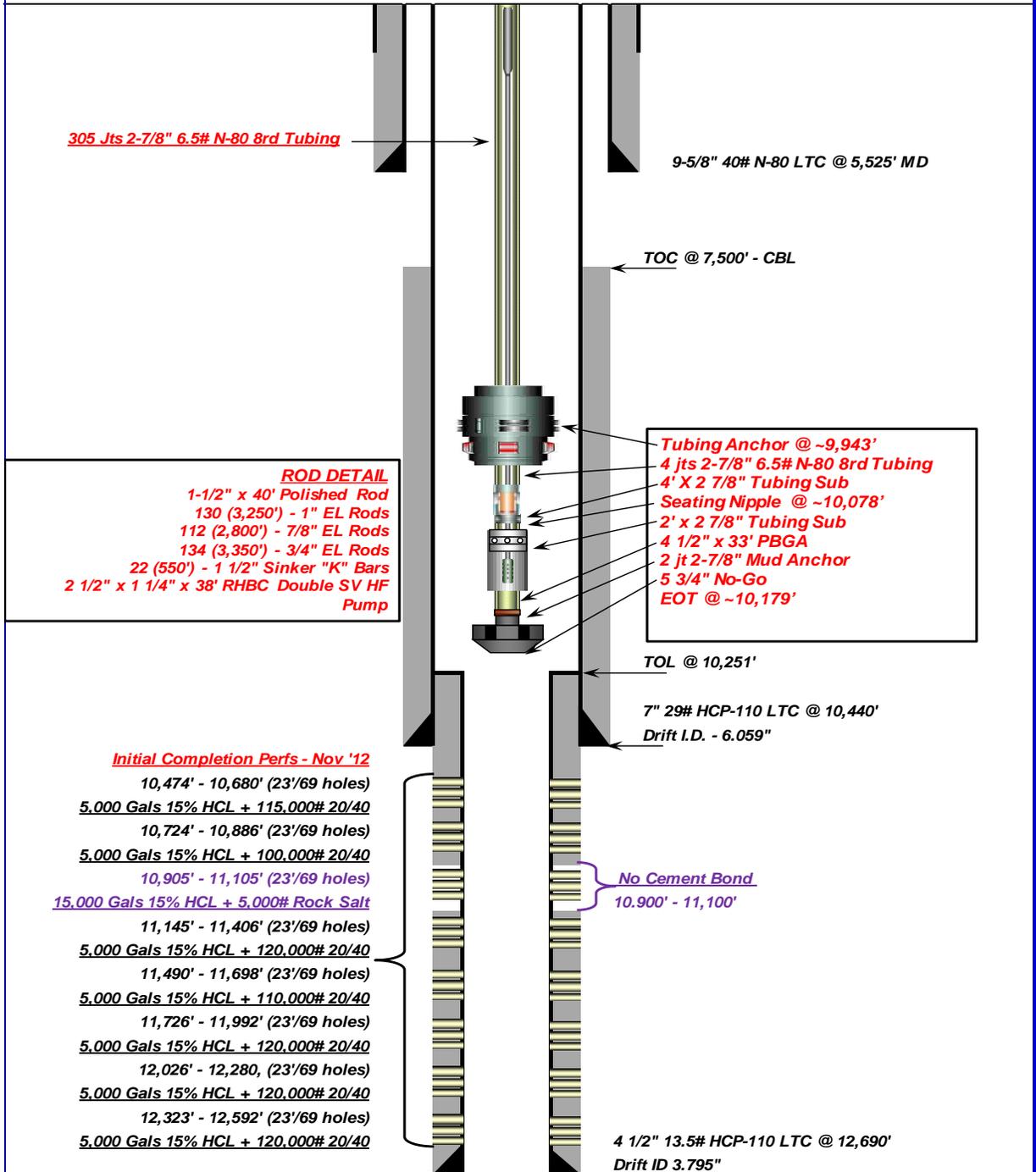
- POOH with rods & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing.
- Set 15M CBP for 5" 18# casing @ 10,300' and dump bail 15' cmt on top of plug.
- Stage 1:
  - Perforate new LGR interval from **9,668 – 9,874'**.
  - Acid Frac Perforations with **24,000** gals 15% HCl acid (Stage 1 Recom).
- Stage 2:
  - RIH with 7" CBP & set @ 9,237'.
  - Perforate new LGR interval from **9,044 – 9,222'**.
  - Acid Frac Perforations with **20,000** gals 15% HCl acid (Stage 2 Recom).
- Stage 3:
  - RIH with 7" CBP & set @ 8,943'.
  - Perforate new LGR interval from **8,880' – 8,928'**.
  - Acid Frac Perforations with **6,000** gals 15% HCl acid (Stage 3 Recom).
  
- Clean out well drilling up (2) 7" CBPs leaving two 7" 7M CBP @ 9,965' and 9,940'. (PBSD @ 9,890'). Top perf BELOW plugs @ 10,474'.
- RIH w/ production tubing, pump, and rods.
- Clean location and resume production.



**WBD 9-26-16**

Company Name: EP Energy  
 Well Name: Golinski 4-24B5  
 Field, County, State: Altamont - Bluebell, Duchesne, Utah  
 Surface Location: Lat: 40°17'17.007N Long: 110°23'38.090W  
 Producing Zone(s): Wasatch

Last Updated: September 26, 2016  
 By: Walt/Tan  
 TD: 12,690  
 BHL: \_\_\_\_\_  
 Elevation: \_\_\_\_\_

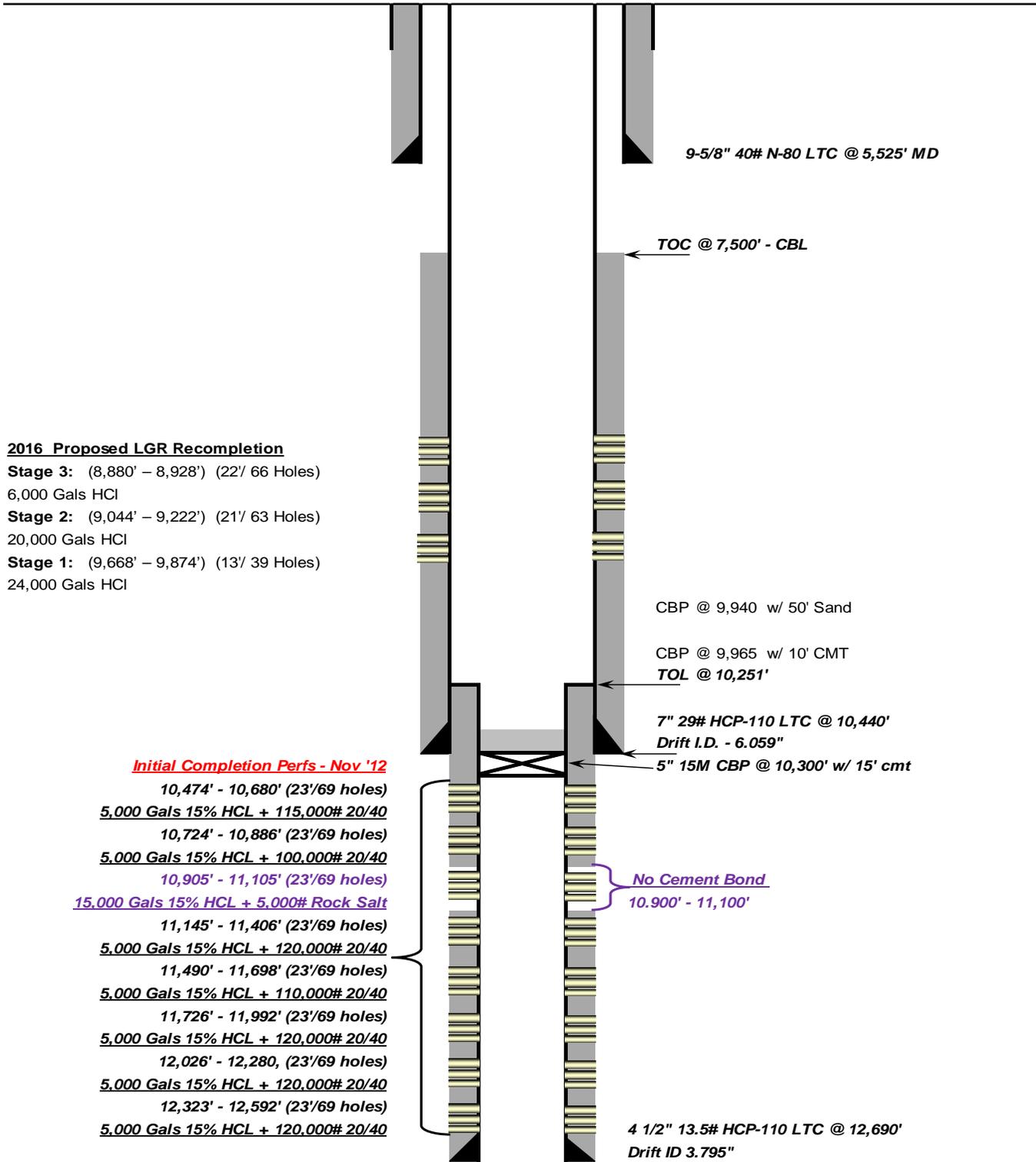


# EP ENERGY

Proposed WBD 2016 Recom

Company Name: **EP Energy**  
 Well Name: **Golinski 4-24B5**  
 Field, County, State: Altamont - Bluebell, Duchesne, Utah  
 Surface Location: Lat: 40°17'17.007N Long: 110°23'38.090W  
 Producing Zone(s): Wasatch

Last Updated: October 31, 2016  
 By: Fondren  
 TD: 12,690  
 BHL: \_\_\_\_\_  
 Elevation: \_\_\_\_\_



**2016 Proposed LGR Recompletion**  
**Stage 3:** (8,880' – 8,928') (22/ 66 Holes)  
 6,000 Gals HCl  
**Stage 2:** (9,044' – 9,222') (21/ 63 Holes)  
 20,000 Gals HCl  
**Stage 1:** (9,668' – 9,874') (13/ 39 Holes)  
 24,000 Gals HCl

**Initial Completion Perfs - Nov '12**

- 10,474' - 10,680' (23'/69 holes)  
5,000 Gals 15% HCL + 115,000# 20/40
- 10,724' - 10,886' (23'/69 holes)  
5,000 Gals 15% HCL + 100,000# 20/40
- 10,905' - 11,105' (23'/69 holes)  
15,000 Gals 15% HCL + 5,000# Rock Salt
- 11,145' - 11,406' (23'/69 holes)  
5,000 Gals 15% HCL + 120,000# 20/40
- 11,490' - 11,698' (23'/69 holes)  
5,000 Gals 15% HCL + 110,000# 20/40
- 11,726' - 11,992' (23'/69 holes)  
5,000 Gals 15% HCL + 120,000# 20/40
- 12,026' - 12,280, (23'/69 holes)  
5,000 Gals 15% HCL + 120,000# 20/40
- 12,323' - 12,592' (23'/69 holes)  
5,000 Gals 15% HCL + 120,000# 20/40

No Cement Bond  
 10,900' - 11,100'

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0954 FSL 1323 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 24 Township: 02.0S Range: 05.0W Meridian: U	9. API NUMBER: 43013514040000
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	9. FIELD and POOL or WILDCAT: ALTAMONT
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	COUNTY: DUCHESNE
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	STATE: UTAH

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/4/2017	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Squeeze"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

- Pull rods, pump and tubing. • Swab test 2017 recompletion stages and identify water zone. • Squeeze identified water zone w/ cmt, drill out cmt retainer and cmt and test squeeze to 1,000 psi. • RIH w/ PKR and plug and swab test squeeze. • RIH w/ production tubing and rods.
- Clean location and resume production.

**Approved by the**  
**Feb Davis 02, 2017**  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_

**By:** Derek Duff

<b>NAME (PLEASE PRINT)</b> Erik Hauser	<b>PHONE NUMBER</b> 713 997-6717	<b>TITLE</b> Sr. HSER Specialist
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/30/2017	

## *Golinski 4-24 B5 Squeeze Procedure*

- Pull rods, pump and tubing.
- Swab test 2017 recompletion stages and identify water zone.
- Squeeze identified water zone w/ cmt, drill out cmt retainer and cmt and test squeeze to 1,000 psi.
- RIH w/ PKR and plug and swab test squeeze.
- RIH w/ production tubing and rods.
- Clean location and resume production.

**Current WBD**



**Current WBD**

Company Name: EP Energy  
 Well Name: Golinski 4-24B5  
 Field, County, State: Altamont - Bluebell, Duchesne, Utah  
 Surface Location: Lat: 40°17'17.007N Long: 110°23'38.090W  
 Producing Zone(s): Wasatch

Last Updated: January 30, 2017  
 By: Fondren  
 TD: 12,690  
 BHL: \_\_\_\_\_  
 Elevation: \_\_\_\_\_

**ROD DETAIL**

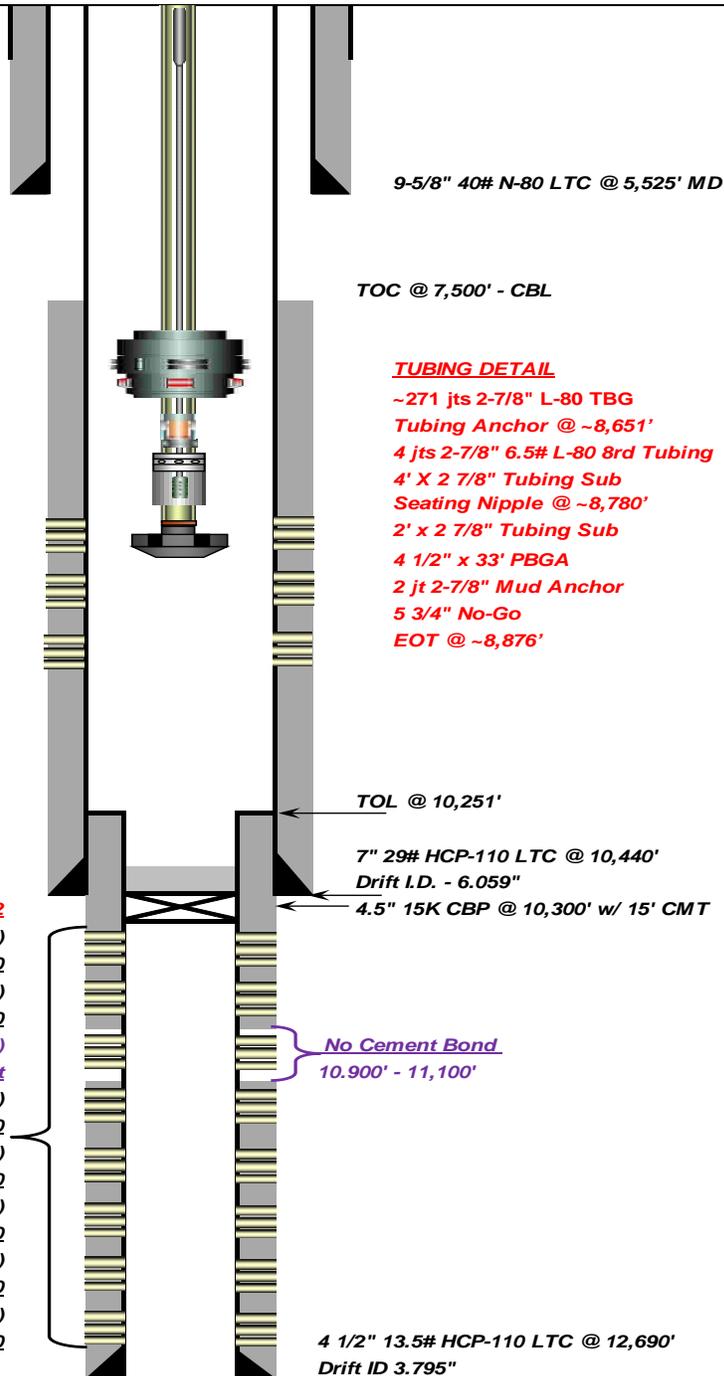
- 1-1/2" x 40' Polished Rod
- 98 (2,455') - 1" EL Rods
- 132 (3,300') - 7/8" EL Rods
- 97 (2,425') - 3/4" EL Rods
- 24 (600') - 1 1/2" Sinkers "K" Bars
- 2 1/2" x 1 1/2" x 40' RHBC Double SV HF Pump

**2016 Proposed LGR Recompletion**

- Stage 3:** (8,880' – 8,928') (22/ 66 Holes)  
6,000 Gals HCl
- Stage 2:** (9,044' – 9,222') (21/ 63 Holes)  
20,000 Gals HCl
- Stage 1:** (9,668' – 9,874') (22/ 66 Holes)  
24,000 Gals HCl

**Initial Completion Perfs - Nov '12**

- 10,474' - 10,680' (23'/69 holes)  
5,000 Gals 15% HCL + 115,000# 20/40
- 10,724' - 10,886' (23'/69 holes)  
5,000 Gals 15% HCL + 100,000# 20/40
- 10,905' - 11,105' (23'/69 holes)  
15,000 Gals 15% HCL + 5,000# Rock Salt
- 11,145' - 11,406' (23'/69 holes)  
5,000 Gals 15% HCL + 120,000# 20/40
- 11,490' - 11,698' (23'/69 holes)  
5,000 Gals 15% HCL + 110,000# 20/40
- 11,726' - 11,992' (23'/69 holes)  
5,000 Gals 15% HCL + 120,000# 20/40
- 12,026' - 12,280, (23'/69 holes)  
5,000 Gals 15% HCL + 120,000# 20/40
- 12,323' - 12,592' (23'/69 holes)  
5,000 Gals 15% HCL + 120,000# 20/40



4 1/2" 13.5# HCP-110 LTC @ 12,690'  
 Drift ID 3.795"

**Proposed WBD**



**Proposed WBD 2017**

Company Name: EP Energy  
 Well Name: Golinski 4-24B5  
 Field, County, State: Altamont - Bluebell, Duchesne, Utah  
 Surface Location: Lat: 40°17'17.007N Long: 110°23'38.090W  
 Producing Zone(s): Wasatch

Last Updated: January 30, 2017  
 By: Fondren  
 TD: 12,690  
 BHL: \_\_\_\_\_  
 Elevation: \_\_\_\_\_

**ROD DETAIL**

- 1-1/2" x 40' Polished Rod
- 98 (2,455') - 1" EL Rods
- 132 (3,300') - 7/8" EL Rods
- 97 (2,425') - 3/4" EL Rods
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