

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER Hamaker 3-25A1
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT BLUEBELL
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P.		7. OPERATOR PHONE 713 997-5038
8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002		9. OPERATOR E-MAIL maria.gomez@epenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Brent Hamaker & Marianne Hamaker		14. SURFACE OWNER PHONE (if box 12 = 'fee') 4353534023
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') RR2 Box 2700, ,		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1007 FNL 1999 FWL	NENW	25	1.0 S	1.0 W	U
Top of Uppermost Producing Zone	1007 FNL 1999 FWL	NENW	25	1.0 S	1.0 W	U
At Total Depth	1007 FNL 1999 FWL	NENW	25	1.0 S	1.0 W	U

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1007	23. NUMBER OF ACRES IN DRILLING UNIT 640
27. ELEVATION - GROUND LEVEL 5467	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completion) 2200	26. PROPOSED DEPTH MD: 13800 TVD: 13800
	28. BOND NUMBER 400JU0708	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Roosevelt City / Ballard City

Hole, Casing, and Cement Information										
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	1238	1.15	15.8
Surf	12.25	9.625	0 - 5300	40.0	N-80 LT&C	12.0	Premium Lite High Strength	970	2.17	12.0
							Premium Lite High Strength	425	1.33	14.2
I1	8.75	7	0 - 10100	29.0	P-110 LT&C	13.7	Premium Lite High Strength	295	2.31	12.0
							Premium Lite High Strength	122	1.91	12.5
L1	6.125	4.5	9900 - 13800	13.5	P-110 LT&C	13.7	50/50 Poz	319	1.45	14.3

ATTACHMENTS

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

NAME	TITLE	PHONE
SIGNATURE	DATE 04/19/2012	EMAIL
API NUMBER ASSIGNED 43047524910000		APPROVAL

Received: July 17, 2012

**Hamaker 3-25A1
Sec. 25, T1S, R1W
UINTAH COUNTY, UT**

EL PASO E&P COMPANY, L.P.

DRILLING PROGRAM

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

<u>Formation</u>	<u>Depth</u>
Green River (GRRV)	5,379'
Green River (GRTN1)	7,012'
Mahogany Bench	7,651'
L. Green River	8,900'
Wasatch	9,880'
T.D. (Permit)	13,800'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRTN1)	7,012'
	Mahogany Bench	7,651'
Oil	L. Green River	8,900'
Oil	Wasatch	9,880'

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

A 4.5" by 20.0" rotating head on structural pipe from surface to 1,000'. A 4.5" by 13 3/8" Smith Rotating Head from 1,000' to 5,480' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 5,480' to 10,100'. A 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 10,100' 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" 10M spool, 11" x 10M 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 1/2" 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 and 10M psi systems.

Auxiliary Equipment:

- A) Pason Gas Monitor 1,000' - TD
- B) Mud logger with gas monitor – 5,480' 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, desander and desilter.

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: 25% excess over gauge hole in the liner section, 10% excess over gauge hole in the intermediate section, and 50% excess on the lead and 75% excess on the tail over gauge hole volume for the surface hole. Actual volumes pumped will be a minimum of the volumes stated above, however, actual hole size will be based on caliper logs in the liner and intermediate sections. Gauge hole will be used for the surface section.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.4 – 9.5
Intermediate	WBM	9.5 – 12.0
Production	WBM	12.0 – 13.7

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: 5,480' - 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 13,800' TD equals approximately 9,328 psi. This is calculated based on a 0.676 psi/foot gradient (13 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 6,292 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 10,704' = 8,563 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 6,292 psi.

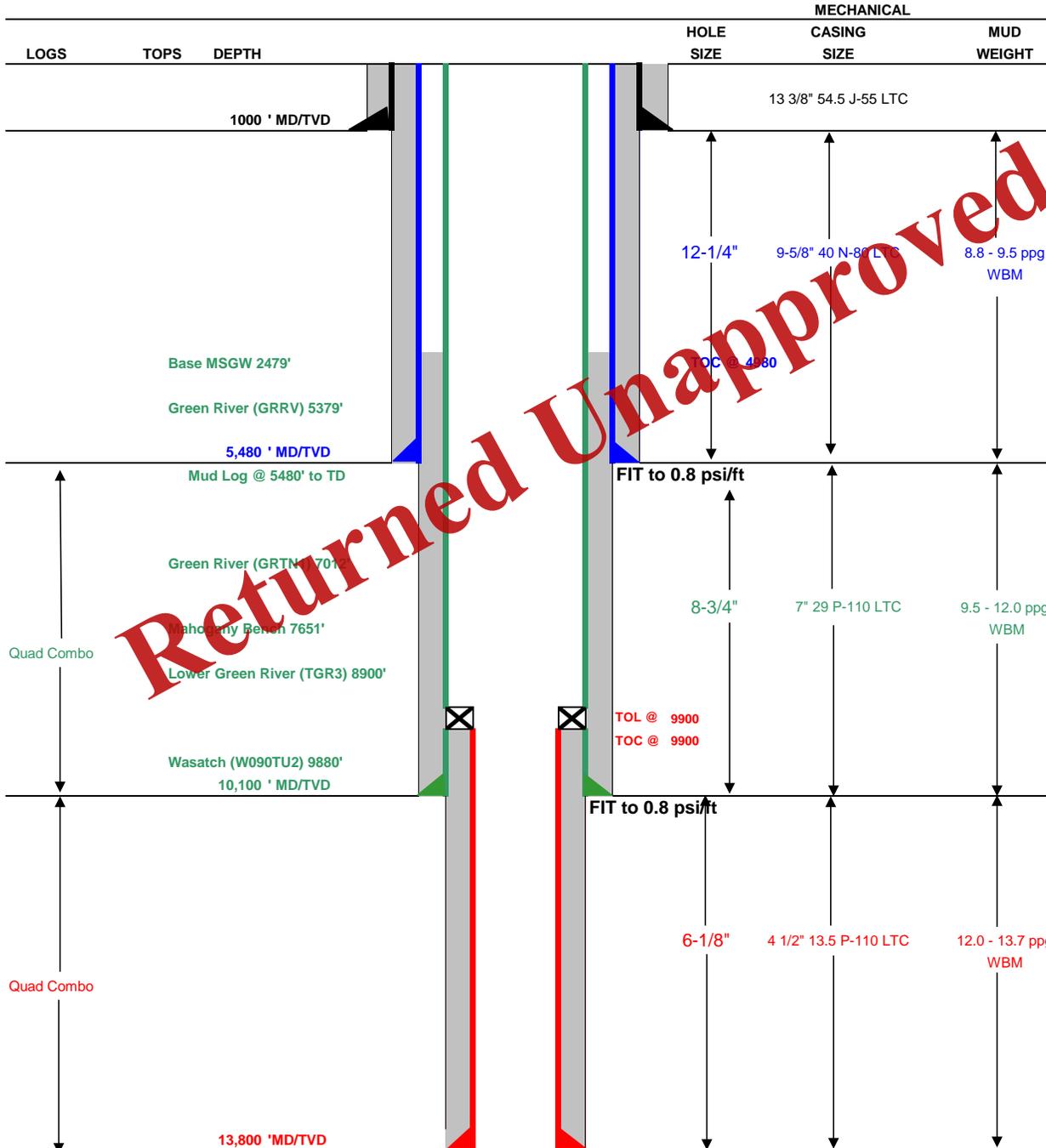
8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

Returned Unapproved



Drilling Schematic

Company Name: El Paso Exploration & Production	Date: December 6, 2011
Well Name: Hamaker 3-25A1	TD: 13,800
Field, County, State: Altamont - Bluebell, Uintah, Utah	AFE #: 147644
Surface Location: Sec 25 T1S R1W 1007' FNL 1999' FWL	BHL: Straight Hole
Objective Zone(s): Green River, Wasatch	Elevation: 5467
Rig: Precision drilling 406	Spud (est.): April 19, 2012
BOPE Info: 5.0 x 13 3/8 rotating head from 1000 to 5480 11 5M BOP stack and 5M kill lines and choke manifold used from 5480 to 10100 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10100 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 5480	40.00	N-80	LTC	3,090	5,750	820
INTERMEDIATE	7"	0 10100	29.00	P-110	LTC	11,220	8,530	797
PRODUCTION LINER	4 1/2"	9900 13800	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	1238	100%	15.8 ppg	1.15
SURFACE	Lead	4,480	Halco-light premium+3 lbm/sk Silicate+0.8% Econolite+2% Salt+2 lbm/sk Kol-Seal+0.25 lb/sk Kwik Seal	970	50%	12.0 ppg	2.17
	Tail	1,000	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	425	75%	14.2 ppg	1.33
INTERMEDIATE	Lead	4,120	Halco-Light-Premium+4% Bentonite+0.8% Econolite+0.2% Halad-32+3 lb/sk Silicate+0.125 lb/sk Poly-E-Flake	295	10%	12.0 ppg	2.31
	Tail	1,000	Halco-Light-Premium+0.2% Econolite+0.2% SuperCBL+0.2% Halad322+0.8% HR-5+0.3% SuperCBL+ 0.125 lb/sk Poly-E-Flake	122	10%	12.5 ppg	1.91
PRODUCTION LINER		3,900	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	319	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.
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 713-420-5929MANAGER: Scott Palmer

EL PASO E&P COMPANY, L.P.
HAMAKER 3-25A1
SECTION 25, T1S, R1W, U.S.B.&M.
UINTAH COUNTY, UTAH

PROCEED EAST ON US HIGHWAY 40 FROM THE INTERSECTION OF MAIN STREET AND 200 NORTH STREET, ROOSEVELT, UTAH APPROXIMATELY 5 MILES TO AN INTERSECTION;

TURN LEFT AND PROCEED NORTH ON PAVED HIGHWAY FROM THE INTERSECT ON WHITEROCKS HIGHWAY WITH U.S. HIGHWAY 40 APPROXIMATELY 6.05 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL ON PAVED COUNTY ROAD 1.64 MILES TO THE ACCESS ROAD;

TURN LEFT AND FOLLOW ROAD FLAGS SOUTH 0.15 MILES TO THE PROPOSED LOCATION;

TOTAL DISTANCE FROM THE INTERSECTION OF THE WHITEROCKS HIGHWAY AND U.S. HIGHWAY 40 TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 7.84 MILES.

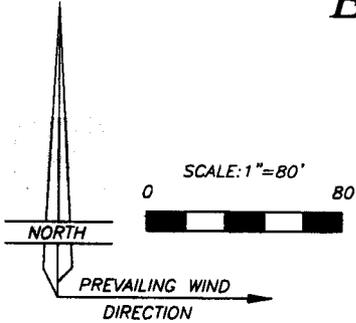
Returned Unapproved

EL PASO E & P COMPANY, L.P.

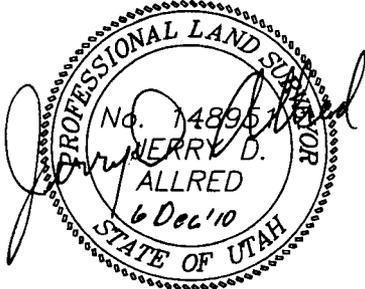
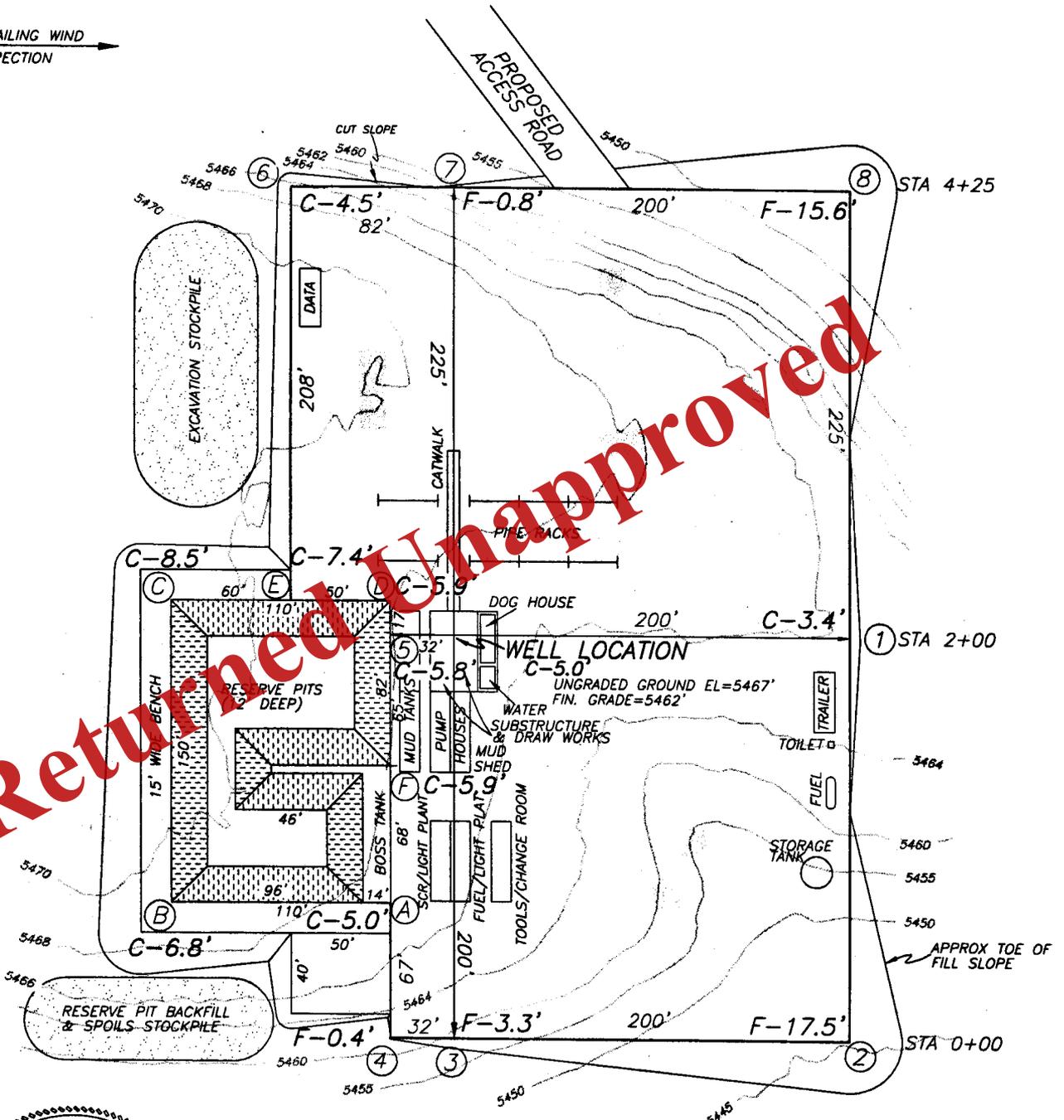
LOCATION LAYOUT FOR
HAMAKER 3-25A1

SECTION 25, T1S, R1W, U.S.B.&M.
1007' FNL, 1999' FWL

FIGURE #1



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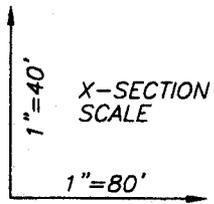


	JERRY D. ALLRED & ASSOCIATES SURVEYING CONSULTANTS 1235 NORTH 700 EAST--P.O. BOX 975 DUCHESNE, UTAH 84021 (435) 738-5352
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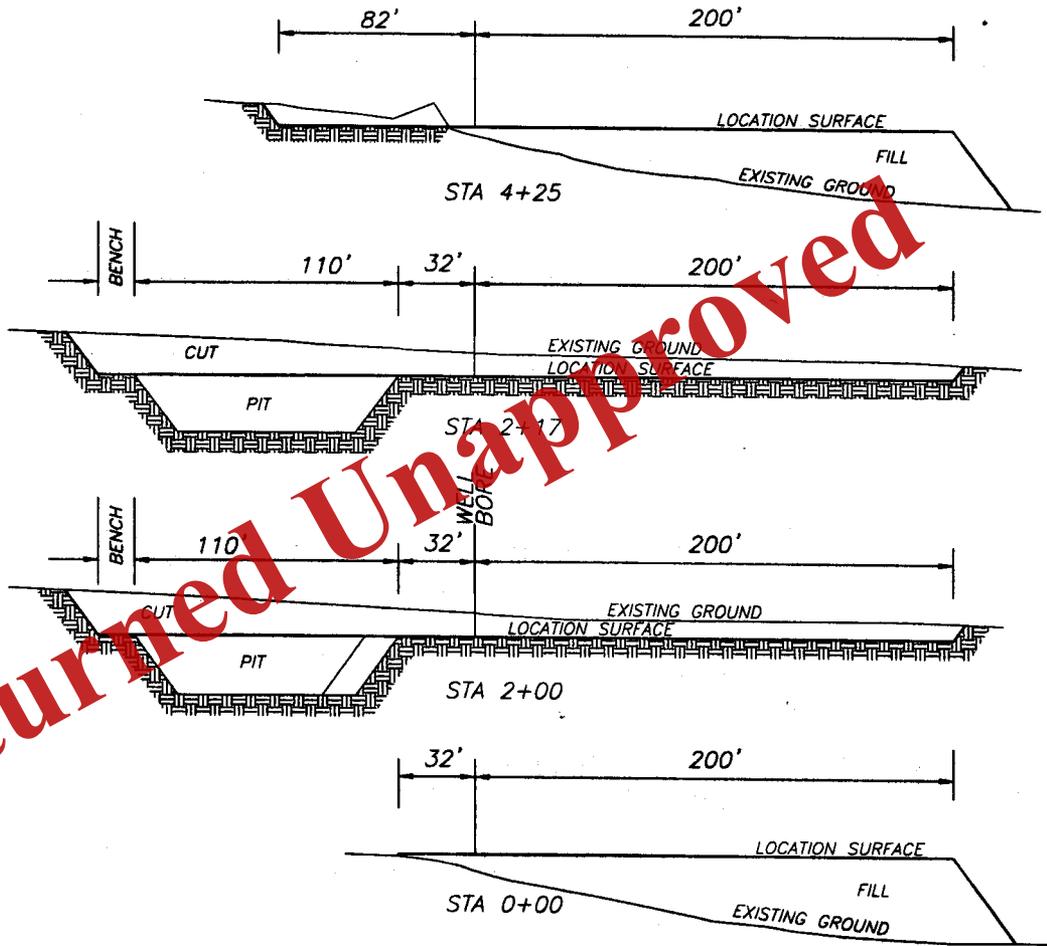
EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR
 HAMAKER 3-25A1
 SECTION 25, T1S, R1W, U.S.B.&M.
 1007' FNL, 1999' FWL

FIGURE #2



NOTE: ALL CUT/FILL
 SLOPES ARE 1 1/2:1
 UNLESS OTHERWISE
 NOTED



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APPROXIMATE YARDAGES

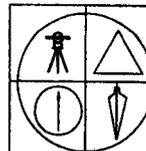
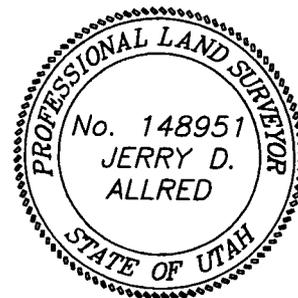
TOTAL CUT (INCLUDING PIT) = 23,756 CU. YDS.

PIT CUT = 4572 CU. YDS.
 TOPSOIL STRIPPING: (6") = 2794 CU. YDS.
 REMAINING LOCATION CUT = 16,390 CU. YDS

TOTAL FILL = 12,613 CU. YDS.

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

ACCESS ROAD GRAVEL=148 CU. YDS.



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 SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
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6 DEC 2010

01-128-186

Received: April 19, 2012

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE
CORRIDOR RIGHT-OF-WAY SURVEY FOR
ELPASO E&P COMPANY, L.P.
HAMAKER 3-25A1
SECTION 25, T1S, R1W, U.S.B.&M.
UINTAH COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

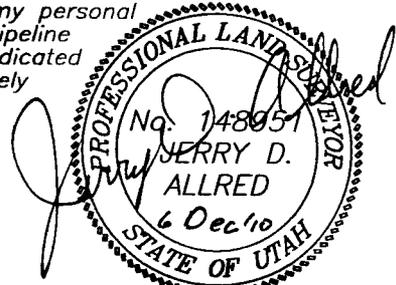
Commencing at the North Quarter Corner of Section 25, Township 1 South, Range 1 West of the Uintah Special Base and Meridian;
Thence South 28°23'23" West 866.49 feet to the TRUE POINT OF BEGINNING;
Thence South 00°00'36" West 475.00 feet;
Thence North 89°59'24" West 475.00 feet;
Thence North 00°00'36" East 475.00 feet;
Thence South 89°59'24" East 475.00 feet to the TRUE POINT OF BEGINNING, containing 5.18 acres.

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

A 66 feet wide access road, pipeline, and power line right-of-way corridor over portions of Section 25, Township 1 South, Range 1 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows;
Commencing at the North Quarter Corner of said Section,
Thence South 37°33'37" West 961.58 feet to the TRUE POINT OF BEGINNING, said point being on the North line of the Elpaso E&P Co Hamaker 3-25A1 well location use area boundary;
Thence North 37°55'43" West 209.64 feet;
Thence North 03°26'48" West 533.67 feet to the South right-of-way line of the County Road. Said right-of-way being 768.27 feet in length with the sidelines being shortened or elongated to intersect said use area boundary and said South right-of-way lines.

SURVEYOR'S CERTIFICATE

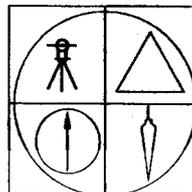
This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, power line, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were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



Jerry D. Allred, Professional Land Surveyor,
Certificate 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°22'29.30061"N AND LONG. 109°54'58.86832"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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(435) 738-5352

2 DEC 2010

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Received: April 19, 2012

FOUND COUNTY MONUMENT
AT QUARTER CORNER

N 89°31'12" E 2637.54'

SEC 23 SEC 24

SEC 26 SEC 25

FOUND MONUMENT SPIKE
AT SECTION CORNER

COUNTY ROAD

HAMAKER PROPERTY

NW¼
NW¼

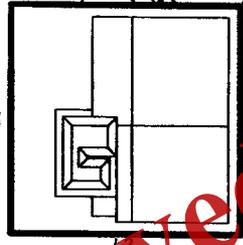
PROPOSED 66' WIDE
ACCESS ROAD, POWER
LINE, AND PIPELINE
CORRIDOR RIGHT-OF-WAY

7+68.27
FENCE

PROPOSED
PIPELINE

NE¼
NW¼

961.58'
866.49'
S 28°23'23" W
S 37°33'37" W
2+09.64
0+00.00



HAMAKER
PROPERTY

EL PASO E & P COMPANY, L.P.

SURFACE USE AREA
HAMAKER 3-25A1
5.18 Acs

HAMAKER PROPERTY

SW¼
NW¼

HAMAKER PROPERTY

SE¼
NW¼

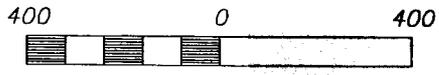
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25

N 00°04'56" W 5276.09'



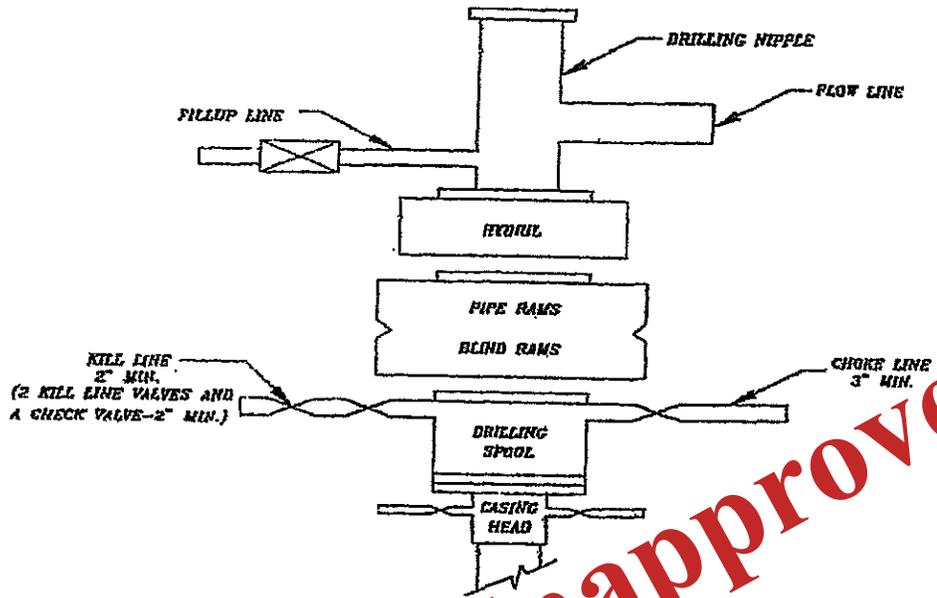
SCALE: 1" = 400'



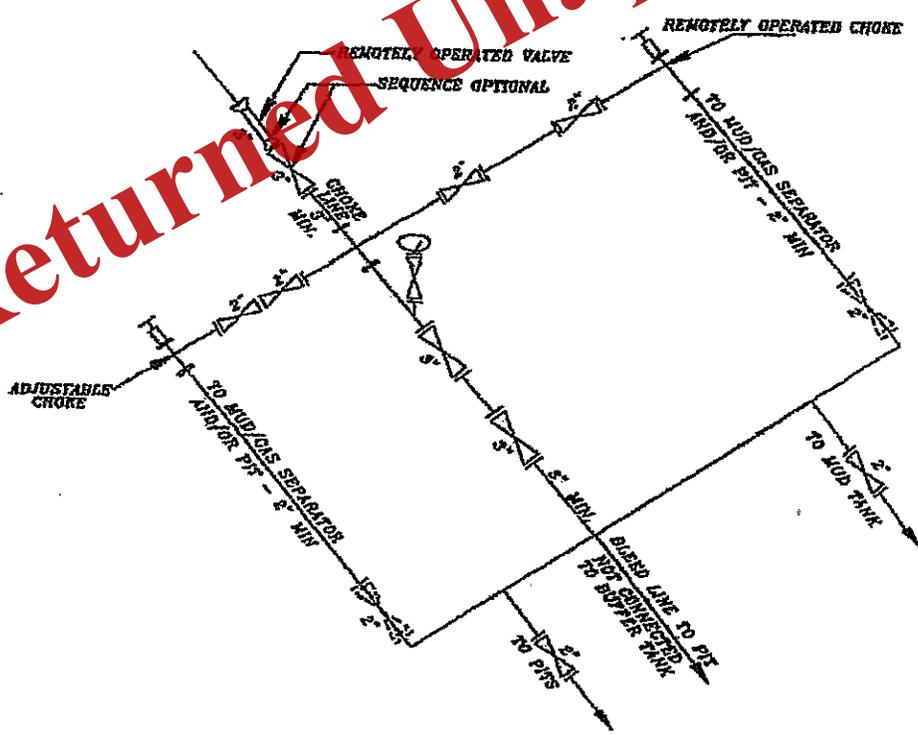
LINE	BEARING	DISTANCE
L1	S 00°00'36" W	475.00'
L2	N 89°59'24" W	475.00'
L3	N 00°00'36" E	475.00'
L4	S 89°59'24" E	475.00'
L5	N 37°55'43" W	209.64'
L6	N 03°26'48" W	558.63'

TO SECTION CORNER

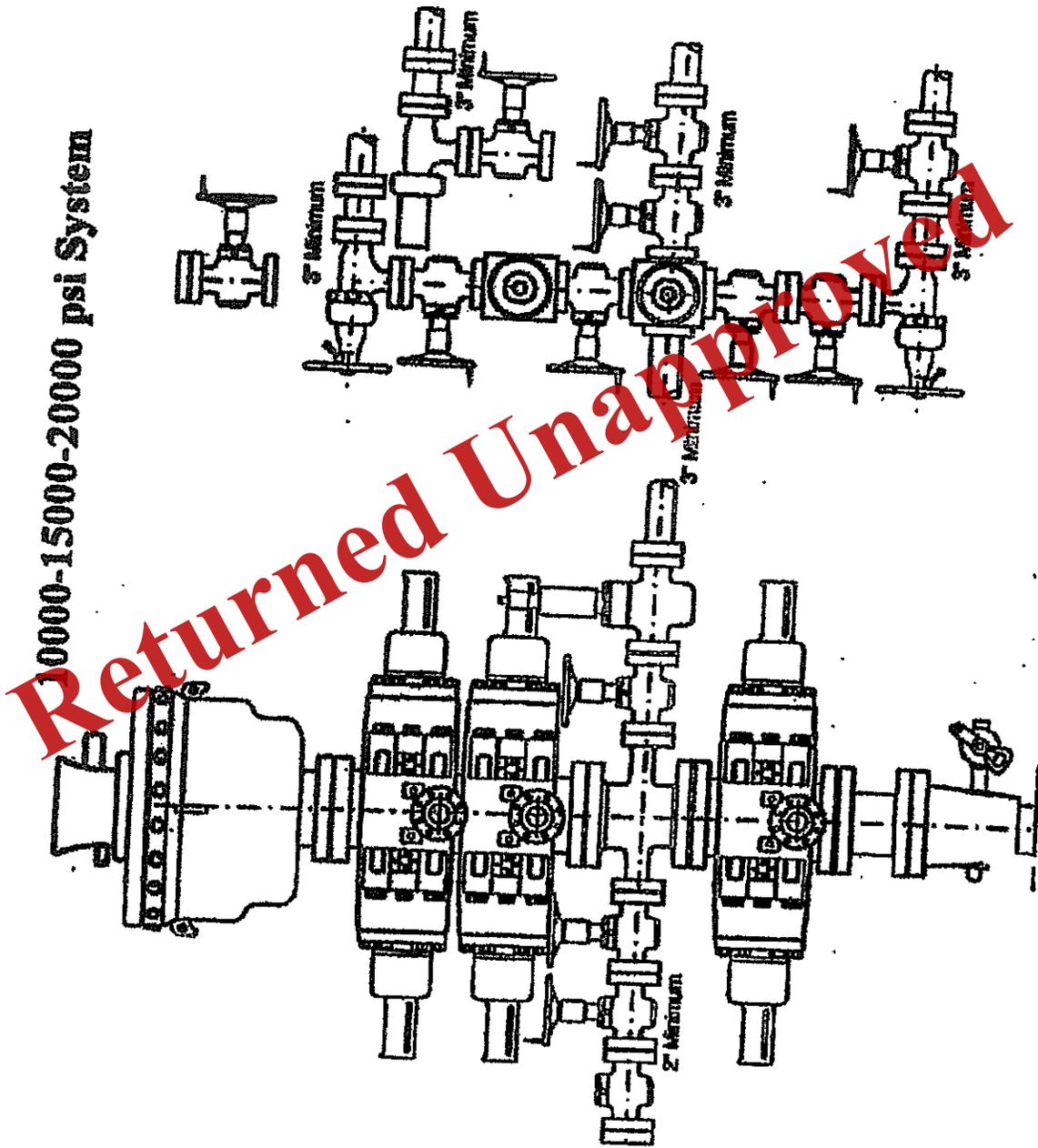
5M BOP STACK and CHOKE MANIFOLD SYSTEM



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10000-15000-20000 psi System

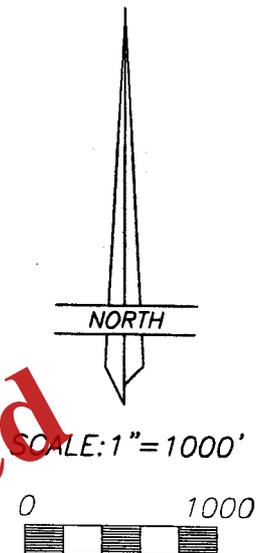
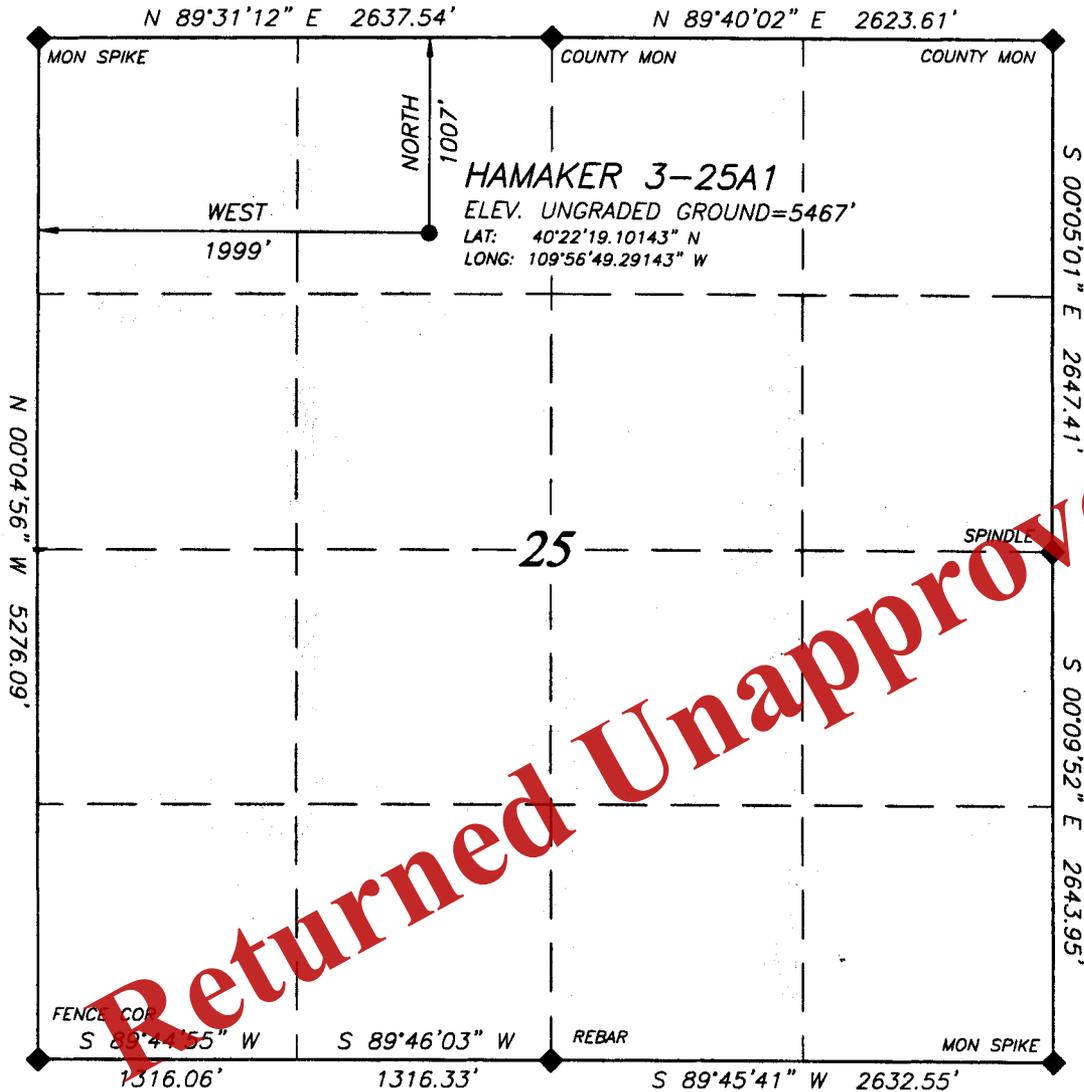


EL PASO E & P COMPANY, L.P.

WELL LOCATION

HAMAKER 3-25A1

LOCATED IN THE NE¼ OF THE NW¼ OF SECTION 25, T1S, R1W, U.S.B.&M. UTAH COUNTY, UTAH



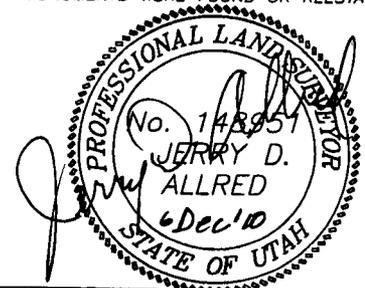
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LEGEND AND NOTES

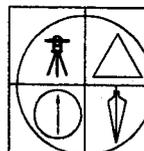
- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY
 THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP
 THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
 THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°22'29.30061"N AND LONG. 109°54'58.86832"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

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)

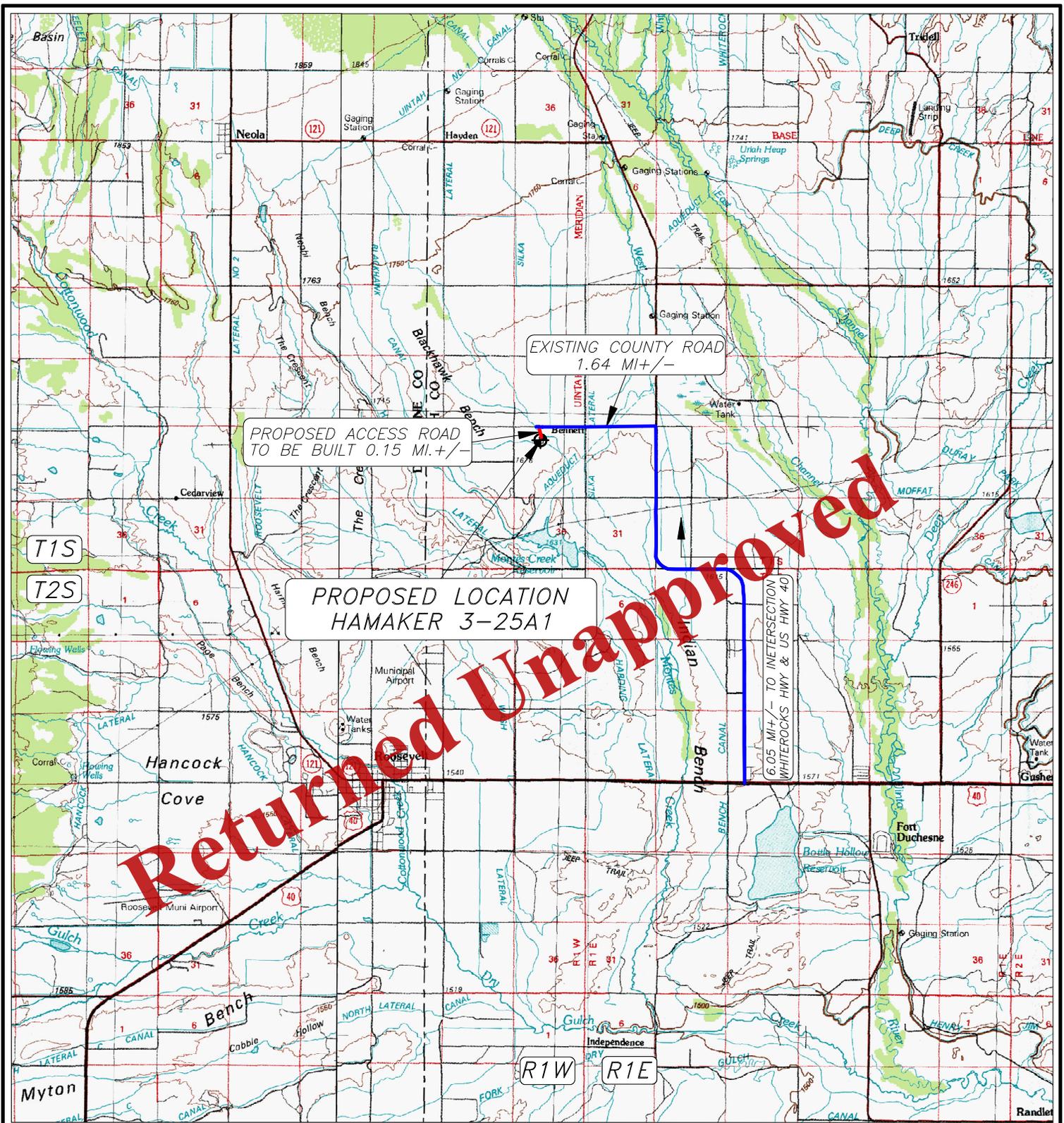


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2 DEC 2010 01-128-186

Received: April 19, 2012



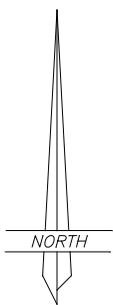
LEGEND:

 PROPOSED WELL LOCATION

01-128-186

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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



EL PASO E & P COMPANY, L.P.

HAMAKER 3-25A1

SECTION 25, T1S, R1W, U.S.B.&M.

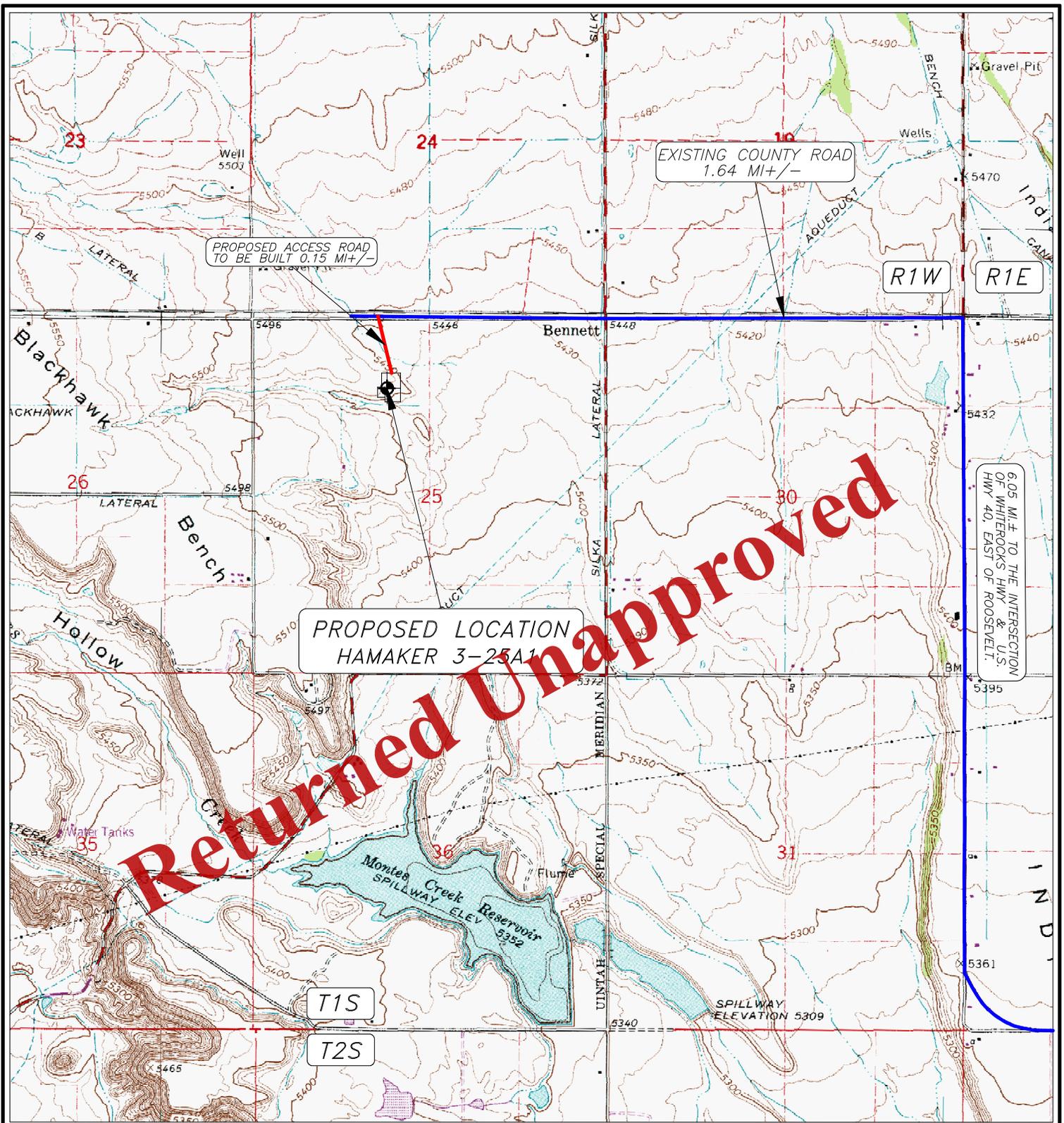
1007' FNL 1999' FWL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'

3 DEC 2010

Received: April 19, 2012

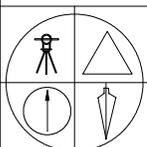


6.05 MI. TO THE INTERSECTION OF WHITEHORNS HWY & U.S. HWY 40, EAST OF ROOSEVELL.

LEGEND:

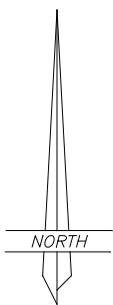
-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  EXISTING GRAVEL ROAD
-  EXISTING PAVED ROAD

01-128-186



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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



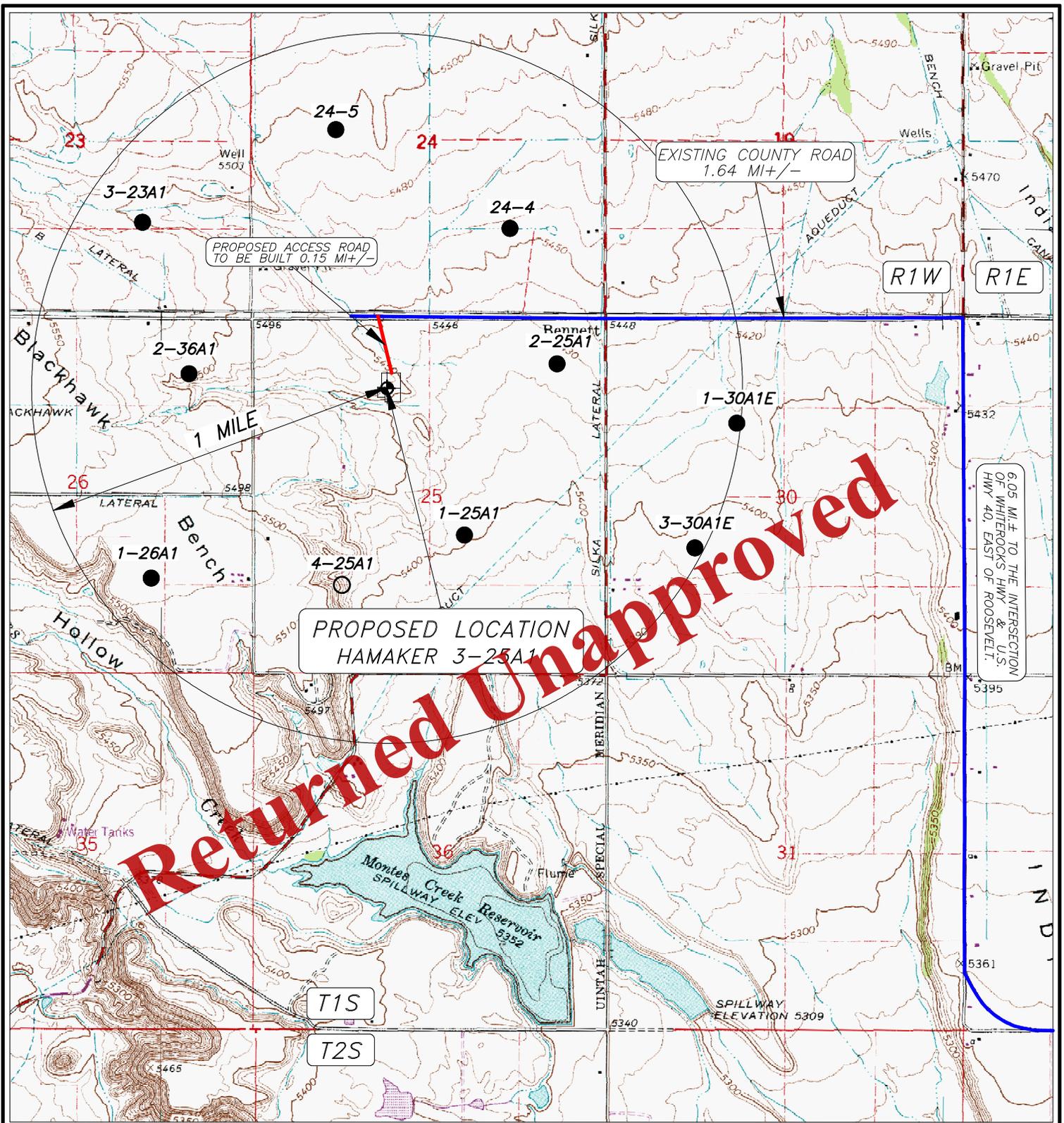
EL PASO E & P COMPANY, L.P.

HAMAKER 3-25A1
SECTION 25, T1S, R1W, U.S.B.&M.
1007' FNL 1999' FWL

TOPOGRAPHIC MAP "B"

SCALE: 1"=2000'
3 DEC 2010

Received: April 19, 2012

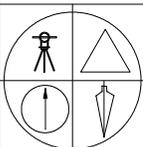


LEGEND:

PROPOSED WELL LOCATION

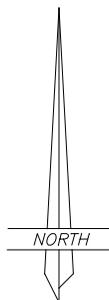
OTHER WELLS AS LOCATED FROM SUPPLIED MAP

01-128-186



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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



EL PASO E & P COMPANY, L.P.

HAMAKER 3-25A1

SECTION 25, T1S, R1W, U.S.B.&M.

1007' FNL 1999' FWL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'

3 DEC 2010

Received: April 19, 2012

AFFIDAVIT OF FACTS

STATE OF UTAH §

COUNTY OF UINTAH §

**Re: Damage Settlement & Release (DSR) and Right-of-Way (ROW)
Wellsite, Road and Pipeline
El Paso E&P Company, L.P., Operator
Hamaker 3-25A1 Oil & Gas Well
1,007' FNL & 1,999' FWL
T1S-R1W Sec. 25: NE/4NW/4
Uintah County, Utah**

WHEREAS, the undersigned, Byron Moos (affiant), who's mailing address is P.O. Box 3, Duchesne, UT 84021, being first duly sworn on oath, depose and say:

1. I am over the age of 21 and am an Independent Oil and Gas Landman, under contract with Transcontinent Oil Company acting as agent 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 and owner of the mineral estate under oil and gas leases of the proposed Hamaker 3-25A1 oil and gas well (the "Well"), to be located on the NE/4NW/4 of Section 25, Township 1 South, Range 1 West, USM (the "Drillsite Location") at the surveyed location of 1,007 feet from the North line and 1,999 feet from the West line of the said Section 25, located and being on a part of a tract of land known as Uintah County Tax Roll Acct #84990, Serial #17:031:0002, Uintah County, Utah ("Property").
3. While the minerals under the Property are owned by a number of individual fee mineral owners, the surface estate is owned by:

**Brent Hamaker and Marianne Hamaker, husband and wife, as joint tenants with full rights of survivorship. ("Mr. Hamaker")
RR2 Box 2790, Roosevelt, UT 84066
Phone: (435) 353-4023 Home, (435) 823-4023 Cell**
4. On April 16, 2010 Cameron Moos (Landman for Land Professionals, Inc. on contract with El Paso E&P Company) mailed an intent to survey letter to Mr. Brent Hamaker at the above stated address.
5. On April 20, 2010 Cameron Moos received a telephone call from Mr. Hamaker. Mr. Hamaker wanted to meet at the proposed well site. The meeting was arranged to take place the following day.
6. On April 21, 2010 Cameron Moos and John Whiteside (Landman for Land Professionals on contract with El Paso E&P Company) met with Mr. Hamaker on the road adjacent to the tract of land wherein the proposed well site will be situated. Mr. Hamaker was very adamant that El Paso was to stay off of his land. He did not want the well on his property. Mr. Hamaker verbally refused El Paso's request to survey the proposed well location.
7. On August 25, 2010 Mr. Chris Jones (Legal Counsel for El Paso E&P Company), in a series of e-mails to Mr. Kenneth Anderton (Attorney for Brent Hamaker), arranged for a meeting to take place between Mr. Hamaker and representatives of El Paso to discuss the placement of the oil well on Mr. Hamaker's property.
8. On August 30, 2010 a meeting was held on the tract of land where the above referenced well is proposed to be placed. In attendance were Mr. Brent E. Hamaker, Marvin J. Hamaker, (Father of Brent E. Hamaker) Kenneth Anderton, (Attorney for Mr. Hamaker) Wayne Garner (El Paso Construction Foreman) and Byron Moos (Independent Landman for Land Professionals on contract with El Paso E&P Company). Mr. Hamaker was very adamant about not liking the idea of having an oil

well placed on his property at the selected location. The location would be right in the middle of the area where his cows have their calves each spring. Wayne Garner discussed location position and right-of-way options with Mr. Hamaker. Mr. Hamaker decided that having the well site surveyed would make it easier to see just where the planned well site would sit. However, Mr. Hamaker was insistent that all survey stakes be pulled after all interested parties had a chance to review the results of the survey. Mr Hamaker stated that he wants a gate and cattle guard at the entrance to his property and a cattle guard at the entrance to the well site. Also, the well site is to be fenced. Mr. Hamaker stated that he expects to be paid for granting permission to El Paso to enter his property to perform the surveying of the proposed well site. Mr. Hamaker asked several times how much was El Paso willing to pay for permission to enter his property. Mr. Hamaker also stated that a one time, up front payment for a surface damage release and right of way for the proposed well site would be insufficient compensation. He wants to be paid annually as long as the well is on his property.

9. On September 1, 2010 Mr. Chris Jones e-mailed a draft Surface Access and Use Agreement to Mr. Kenneth Anderton for his review.
10. On September 16, 2010 Mr. Kenneth Anderton communicated that his client (Mr. Hamaker) was demanding an annual payment for this proposed well site and that he would also require a payment for access to his property for any surveying activities.
11. After numerous messages and attempts to communicate with Mr. Anderton regarding access to survey, with no response, Mr. Chris Jones sent another demand letter on October 25, 2010 to Mr. Anderton for Mr. Hamaker, demanding access to conduct the survey for this proposed well site.
12. On October 28, 2010 Mr. Kenneth Anderton responded that his client (Mr. Hamaker) would grant access to his property for the surveying activities in exchange for a payment of \$500.00.
13. On November 2, 2010 Wayne Garner, Jerry Allred (Professional Land Surveyor) and Mr. Brent Hamaker met at the proposed well site. At that time Mr. Wayne Garner gave Mr. Brent Hamaker a prepayment of a portion of the surface use compensation for the well site for permission to enter Mr. Brent Hamaker's property to survey the well site. Mr. Hamaker then gave his verbal permission to enter his property, no signed survey access agreement was obtained.
14. On November 11, 2010 the onsite survey for the proposed Hamaker 3-25A1 well site was conducted and on December 2, 2010 the survey report was completed by Jerry Allred and Associates.
15. Shortly after the meeting on November 2, 2010, Mr. Kenneth Anderton committed to return his written comments to the draft Surface Use Agreement.
16. On December 9, 2010 a copy of the completed survey for this proposed well site was delivered to Mr. Kenneth Anderton.
17. After several messages and attempts to communicate, Mr. Kenneth Anderton communicated to Mr. Chris Jones that he was meeting with his client on the following Tuesday (December 21, 2010) to discuss and revise the Surface Use Agreement. Mr. Anderton has never responded as to the results of that meeting (if it occurred), despite several voice mail and e-mail messages left by Mr. Chris Jones.
18. On December 30, 2010 the Damage Settlement & Release for the wellsite and the Right-of-Way Agreement for the right-of-way for the Hamaker 3-25A1 wellsite were mailed to Mr. Brent Hamaker by Byron Moos. No response was received from Mr. Hamaker.
19. On January 17, 2011 Byron Moos contacted Mr. Brent Hamaker to discuss El Paso's compensation offer for the Hamaker 3-25A1 well site and right-of-way. Mr. Hamaker exclaimed that the compensation paid to him prior to surveying the well site was for

access to his property for surveying and was not to be deducted from El Paso's offer for compensation for the well site. Mr. Hamaker also stated that the amount offer by El Paso as compensation for the well site and right-of-way was no where near what he wants as an upfront compensation amount. He also stated that he wants an annual payment to compensate for the income loss to his cattle operations due to El Paso's building the well site on his property, for as long as the well site remains on his property.

20. On January 20, 2012 David Allred (Senior Landman for El Paso E&P Company) attempted to contact Mr. Hamaker via the telephone but was unsuccessful.
21. On January 25, 2012 David Allred (Senior Landman) attempted to contact Mr. Hamaker via the telephone but was unsuccessful.
22. On March 15, 2012 David Allred (Senior Landman) attempted to contact Mr. Kenneth Anderton (Attorney for Brent Hamaker) via telephone but was unsuccessful.
23. On March 20, 2012 David Allred (Senior Landman) attempted to contact Mr. Kenneth Anderton (Attorney for Brent Hamaker) via telephone but was unsuccessful.
24. As of this date, April 5, 2012, El Paso has not been able to acquire a signed Damage Settlement & Release and Right-of-Way Agreement for the proposed Hamaker 3-25A1 Oil and Gas Well in Section 25, Township 1 South, Range 1 West, U.S.M.

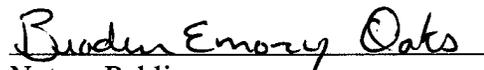
NOW THEREFORE, the undersigned affiant Byron Moos, of lawful age, being first duly sworn, depose and say, that the above facts are true and correct to the best of his knowledge, further Affiant saith not. Signed this 5th day of April, 2012,

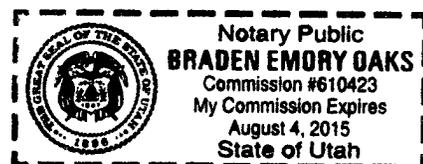

By: Byron Moos, Affiant

STATE OF UTAH §

COUNTY OF DUCHESNE §

On this 5th day of April 2012 A.D., personally appeared before me Byron Moos, Affiant signer of the above instrument, who duly acknowledged to me that he executed the same. WITNESS my hand and official seal.


Notary Public



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 .15 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: Roosevelt City/Ballard City Water

5. Existing/Proposed Facilities For Productive Well:

- There are no existing facilities that will be utilized for this well.
- A pipeline corridor .15 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 1/2 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 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. 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:

Brent Hamaker and Marianne Hamaker, husband and wife, as joint tenants with full rights of survivorship. ("Mr. Hamaker")
RR2 Box 2700
Roosevelt, UT 84066
435-353-4023 home
435-823-4023 cell

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
Joe Cawthorn – Drilling Engineer
1001 Louisiana, Rm 2523B
Houston, Texas 77002
713-420-5929 – office
832-465-2882 – Cell

Well Name	EL PASO E&P COMPANY, LP Hamaker 3-25A1 43047524910000			
String	Cond	Surf	I1	L1
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	1000	5480	10100	13800
Previous Shoe Setting Depth (TVD)	0	1000	5480	10100
Max Mud Weight (ppg)	9.5	12.0	13.7	13.7
BOPE Proposed (psi)	1000	1000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	12410
Operators Max Anticipated Pressure (psi)	9328			13.0

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 <input type="checkbox"/> WBM
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	274	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	274	NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

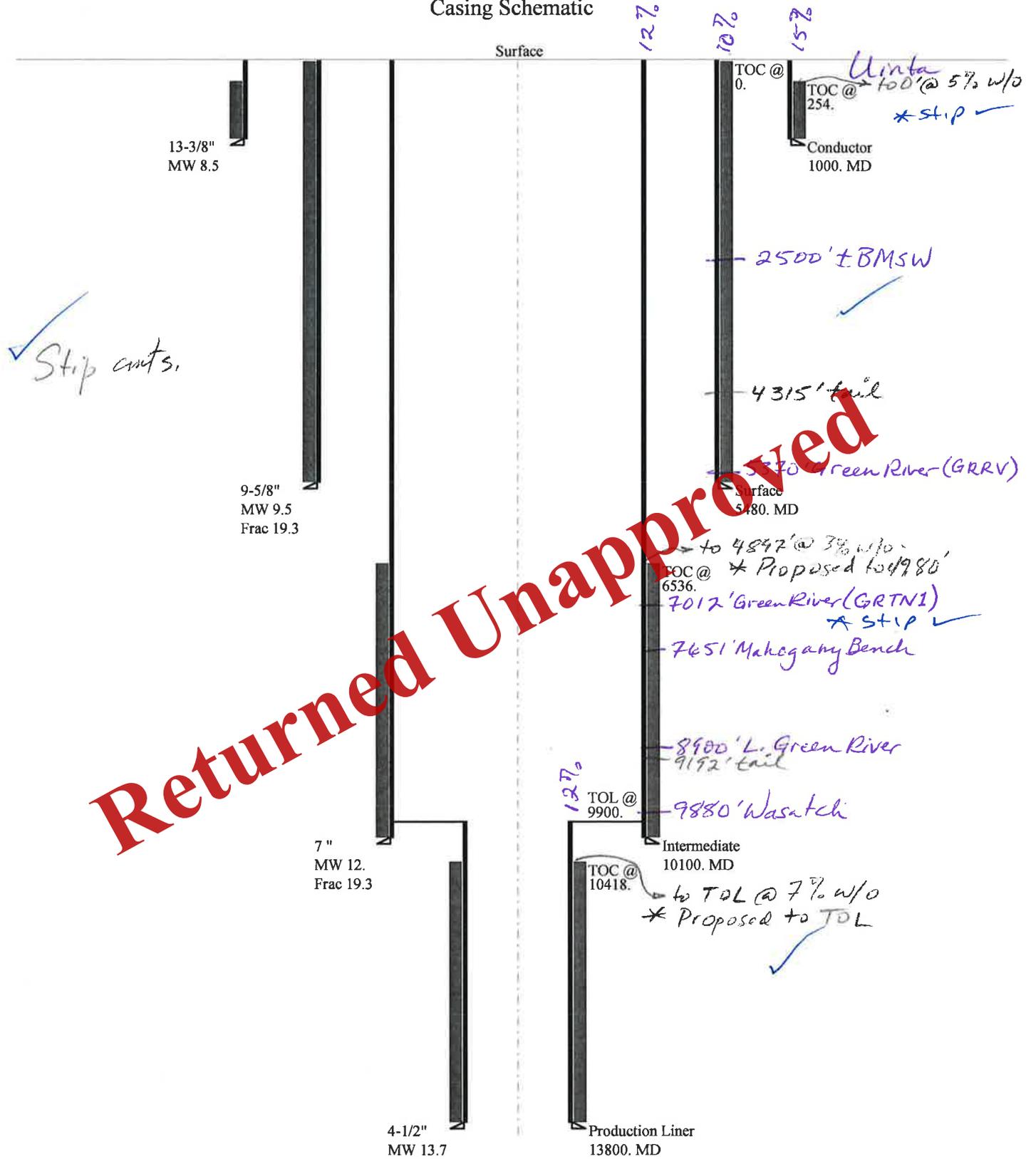
Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	3420	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2784	NO <input type="checkbox"/> WBM
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	214	NO <input type="checkbox"/> Common for area, no expected pressures
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2434	NO <input type="checkbox"/> 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=	7195	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5983	NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4973	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	6179	NO <input type="checkbox"/> OK
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		5480	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	9831	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	8175	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	6795	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	9017	YES <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		8687	psi
*Max Pressure Allowed @ Previous Casing Shoe=		10100	psi *Assumes 1psi/ft frac gradient

43047524910000 Hamaker 3-25A1E

Casing Schematic



Returned Unapproved

Well name: **43047524910000 Hamaker 3-25A1E**
 Operator: **EL PASO E & P COMPANY, LP**
 String type: **Conductor**
 Location: **UINTAH COUNTY**
 Project ID: **43-047-52491**

Design parameters:

Collapse
 Mud weight: 8.500 ppg
 Internal fluid density: 1.000 ppg

Minimum design factors:

Collapse:
 Design factor 1.125

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: 254 ft

Burst

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

Burst:

Design factor 1.00

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.

No backup mud specified.

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

Returned Unapproved

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	12404
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	389	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: June 21, 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.

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

Received: July 17, 2012

Well name:	43047524910000 Hamaker 3-25A1E	
Operator:	EL PASO E & P COMPANY, LP	
String type:	Surface	Project ID: 43-047-52491
Location:	UINTAH 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: 151 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 4,074 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,280 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: 4,706 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,100 ft
Next mud weight: 12.000 ppg
Next setting BHP: 6,296 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 5,480 ft
Injection pressure: 5,480 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	5480	9.625	40.00	N-80	LT&C	5480	5480	8.75	69732
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	2420	3090	1.277	5280	5750	1.09	219.2	737	3.36 J

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

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

Date: June 21, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5480 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.

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

Received: July 17, 2012

Well name: **43047524910000 Hamaker 3-25A1E**
 Operator: **EL PASO E & P COMPANY, LP**
 String type: Intermediate
 Location: **UINTAH COUNTY**
 Project ID: 43-047-52491

Design parameters:

Collapse
 Mud weight: 12.000 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:
 Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 215 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Burst:
 Design factor 1.00

Cement top: 6,536 ft

Burst

Max anticipated surface pressure: 6,785 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 9,007 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: 8,266 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 13,800 ft
 Next mud weight: 13.700 ppg
 Next setting BHP: 9,821 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 10,100 ft
 Injection pressure: 10,100 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	10100	7	29.00	P-110	LT&C	10100	10100	6.059	114055
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	6296	8530	1.355	9007	11220	1.25	292.9	797	2.72 J

Returned Unapproved

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

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

Date: June 21, 2012
 Salt Lake City, Utah

Remarks:
 Collapse is based on a vertical depth of 10100 ft, a mud weight of 12 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.

Received: July 17, 2012

Well name:	43047524910000 Hamaker 3-25A1E		
Operator:	EL PASO E & P COMPANY, LP		Project ID:
String type:	Production Liner		43-047-52491
Location:	UINTAH COUNTY		

Design parameters:

Collapse

Mud weight: 13.700 ppg
 Internal fluid density: 2.330 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: 267 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 10,419 ft

Burst

Max anticipated surface pressure: 6,785 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 9,821 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)

Liner top: 9,900 ft

Non-directional string.

Tension is based on air weight.
 Neutral point: 13,011 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	3900	4.5	13.50	P-110	LT&C	13800	13800	3.795	21853

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	8161	10680	1.310	9821	12410	1.26	52.7	338	6.42 J

Returned Unapproved

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

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

Date: June 21, 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 13800 ft, a mud weight of 13.7 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.

Received: July 17, 2012



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

April 26, 2013

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

Re: Application for Permit to Drill - UINTAH County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the Hamaker 3-25A1 well, API 43047524910000 that was submitted April 19, 2012 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason
Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah





RE: Surface agreements

Gomez, Maria S <Maria.Gomez@epenergy.com>
To: Diana Mason <dianawhitney@utah.gov>

Fri, Apr 26, 2013 at 11:53 AM

Diana:

Please see below in red my notes for AOF's. Some of the APD's need to be cancelled as noted below and some we will keep. Please let me know if I need to contact someone else.

Have a wonderful weekend.

Thanks,

Maria S. Gomez



Principal Regulatory Analyst

maria.gomez@epenergy.com

713-997-5038 Office

832-683-0361 Cell

From: Diana Mason [mailto:dianawhitney@utah.gov]
Sent: Wednesday, March 06, 2013 2:23 PM
To: Gomez, Maria S
Subject: Surface agreements

Hi Maria,

Did EP Energy ever get signed surface agreements for the following APDs?

Thomas 1-33C4

Continuing on process - keep

Epley 1-15C4

Became SUA and already approved

Hamaker 3-30A1E

Please cancel APD

Cook 3-12B4

Continuing on process - keep

Allred Trust 2-31A1E

Continuing on process - keep

Hamaker 3-25A1

Please cancel APD

Cabinland 4-9B3

Please cancel APD

Sundance West 4-22B4

Please cancel APD

Thank you,

Diana