

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

RCVD NOV 30 6
OIL CONS. DIV.
DIST. 3

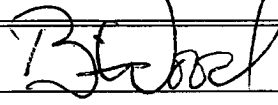
FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

1a. Type of work: ☒ DRILL ☐ REENTER		5. Lease Serial No. NMNM-114942
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator U. S. ENERCORP, LTD.		7. If Unit or CA Agreement, Name and No. N/A
3a. Address P. O. BOX 17098 SAN ANTONIO, TX 78217	3b. Phone No. (include area code) (210) 829-8437	8. Lease Name and Well No. ALMAGRE ARROYO 30 #1
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 2605' FSL & 2400' FWL At proposed prod. zone 990' FNL & 1000' FWL		9. API Well No. 30-039- 30083
14. Distance in miles and direction from nearest town or post office* 5 AIR MILES NORTHWEST OF GALLINA		10. Field and Pool, or Exploratory West Puerto Chiquito Mancos
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 990'	16. No. of acres in lease 1,789.1	11. Sec., T. R. M. or Blk. and Survey or Area 30-24N-1E NMPM
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. N/A	19. Proposed Depth 7,286' (MD)	12. County or Parish RIO ARRIBA
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7,212' GL	22. Approximate date work will start* 11/15/2005	13. State NM
23. Estimated duration 6 WEEKS		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) BRIAN WOOD	Date 10/09/2006
Title CONSULTANT		
PHONE: (505) 466-8120 FAX: (505) 466-9682		
Approved by (Signature) 	Name (Printed/Typed)	Date 11/3/06
Title Acting AFM	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

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

*(Instructions on page 2)

HOLD C104 FOR NSL* & Directional Survey

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

*docketed as Case #13801

NMOCD

8 11/14/06

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 875

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

2206 OCT 10 AM 9 54

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30083	² Pool Code 50440	³ Pool Name WEST PUERTO CHIQUITO MANCOS
⁴ Property Code 30123	⁵ Property Name ALMAGRE ARROYO 30	⁶ Well Number 1
⁷ OGRID No. 240473	⁸ Operator Name U.S. ENERCORP, LTD.	⁹ Elevation 7212

¹⁰ Surface Location

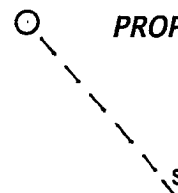
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	30	24 N	1 E		2605	SOUTH	2400	WEST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	30	24 N	1 E		1624	NORTH	1523	WEST	RA

12 Dedicated Acres 4 636-59	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 N 89°24'47" E 5274.47'	5246.34'	PROPOSED BHL OF PILOT HOLE  SECTION 30 2400' LAT. 36.281820° LONG. 106.876966° NAD 83
N 0°31'13" W S 89°27'47" W	2605'	5254.26'

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.



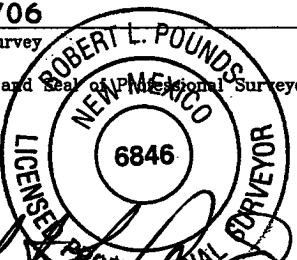
Signature	BRIAN WOOD
Printed Name	CONSULTANT
Title	OCT. 9, 2006
Date	

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

3/14/06

Date of Survey

Signature and Seal of Professional Surveyor:	
Certificate Number	6846

8 11/14/06

DISTRICT I
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30083	² Pool Code 50440	³ Pool Name WEST PUERTO CHIQUITO MANCOS
⁴ Property Code 30123	⁵ Property Name ALMAGRE ARROYO 30	⁶ Well Number 1
⁷ GRID No. 240473	⁸ Operator Name U.S. ENERCORP, LTD.	⁹ Elevation 7212

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	30	24 N	1 E		2605	SOUTH	2400	WEST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	30	24 N	1 E		990	NORTH	1000	WEST	RA

¹² Dedicated Acres 636.39	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 N 89°24'47" E 5274.47' PROPOSED BHL OF LATERAL SECTION 30 2400' LAT. 36.281820° LONG. 106.876966° NAD 83 2605' N 0°31'13" W S 89°27'47" W	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature BRIAN WOOD Printed Name CONSULTANT Title OCT. 9, 2006 Date

B 11/14/06

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30083
30-039-

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.
NMNM-114942

7. Lease Name or Unit Agreement Name

ALMAGRE ARROYO 30

8. Well Number #1

9. OGRID Number 240473

10. Pool name or Wildcat
WEST PUETO CHIQUITO MANCOS

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
U. S. ENERCORP, LTD.

3. Address of Operator
P. O. BOX 17098, SAN ANTONIO, TX 78217

4. Well Location

Unit Letter: K

2605' FSL & 2400' FWL

Section 30

Township 24 North

Range 1 East

NMPM

RIO ARRIBA

County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
7,212' GL

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type: DRILLING Depth to Groundwater: >100' Distance from nearest fresh water well: >1,000' Distance from nearest surface water: >100'

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: DRILLING PIT ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE: CONSULTANT

DATE: OCT. 9, 2006

Type or print name: BRIAN WOOD

E-mail address: brian@permitswest.com

Telephone No.: (505) 466-8120

For State Use Only

DEPUTY OIL & GAS INSPECTOR, DIST. 6

APPROVED BY:

TITLE

DATE

NOV 14 2006

Conditions of Approval (if any):

U. S. Enercorp, Ltd.

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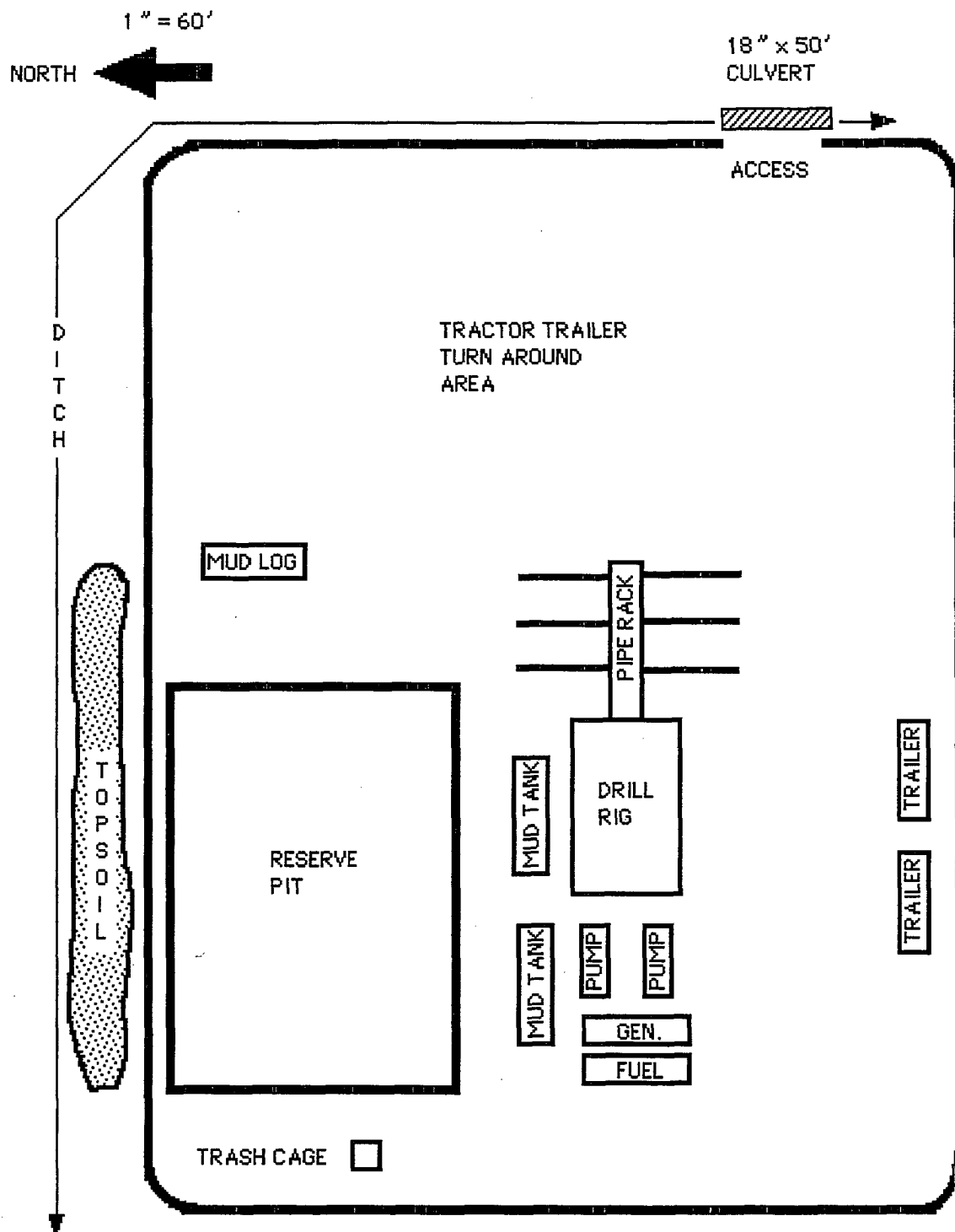
Almagre Arroyo 30 #1

SHL: 2605' FSL & 2400' FWL

Pilot BHL: 1624' FNL & 1523' FWL

Lateral BHL: 990' FNL & 1000' FWL

Sec. 30, T. 24 N., R. 1 E., Rio Arriba County, New Mexico

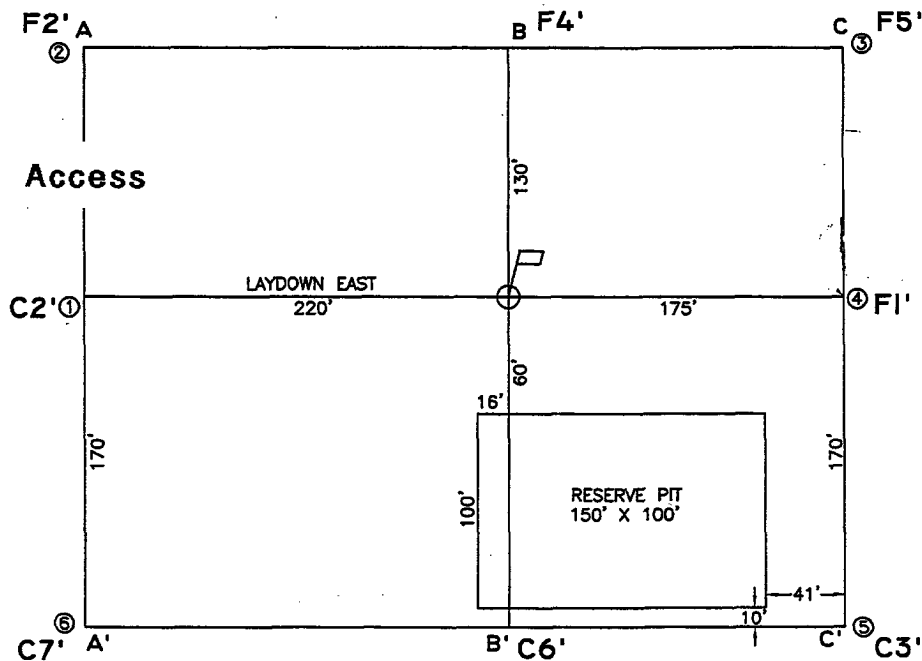


CONFIDENTIAL - TIGHT HOLE !!!

NOTIFY
NEW MEXICO ONE-CALL
BEFORE COMMENCING
EXCAVATION!
(800) 321-2537



0 50 100
SCALE: 1"=100'



A-A' ℄

7230	.....	.....	.....	.....
7220	.....	.....	.....	.....
7210	.....	.....	.....	.....
7200	.....	.....	.....	.....
7190	.....	.....	.....	.....

B-B' ℄

7230	.....	.....	.....	.....
7220	.....	.....	.....	.....
7210	.....	.....	.....	.....
7200	.....	.....	.....	.....
7190	.....	.....	.....	.....

C-C' ℄

7230	.....	.....	.....	.....
7220	.....	.....	.....	.....
7210	.....	.....	.....	.....
7200	.....	.....	.....	.....
7190	.....	.....	.....	.....

CROSS SECTIONS
HORIZONTAL: 1"=100'
VERTICAL: 1"=10'

LEASE: ALMAGRE ARROYO 30 #1

FOOTAGE: 2605' FSL, 2400' FWL

SEC. 30 TWN. 24 N RNG. 1 E N.M.P.M.

LATITUDE: 36.281820° LONGITUDE: 106.876966°

ELEVATION: 7212

U.S. ENERCORP, LTD.
SAN ANTONIO, TEXAS

SURVEYED: 3/14/06

REV. DATE:

APP. BY R.P.

DRAWN BY: A.D.

DATE DRAWN: 3/30/06

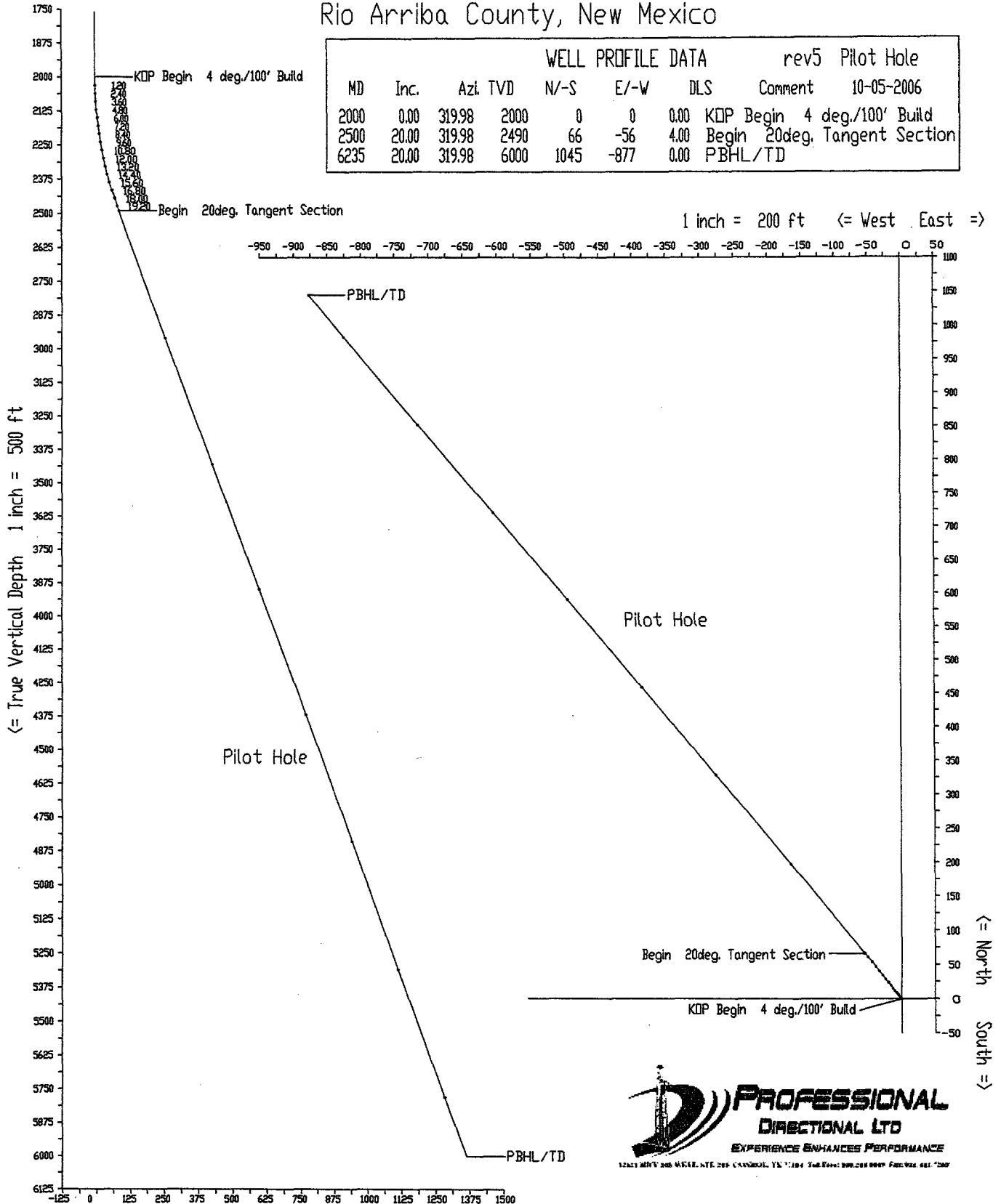
FILE NAME: 6626C01



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

U.S. Enercorp, L.L.C
Almagre Arroyo 30 #1
Rio Arriba County, New Mexico

WELL PROFILE DATA							rev5 Pilot Hole
MD	Inc.	Azi	TVD	N/-S	E/-W	DLS	Comment 10-05-2006
2000	0.00	319.98	2000	0	0	0.00	KDP Begin 4 deg./100' Build
2500	20.00	319.98	2490	66	-56	4.00	Begin 20deg. Tangent Section
6235	20.00	319.98	6000	1045	-877	0.00	PBHL/TD



U.S. Enercorp, L.L.C

Almagre Arroyo 30 #1

Rio Arriba County, New Mexico

1 inch = 400 ft

<= West

<= North

South =>

East =>

1 inch = 300 ft

<= True Vertical Depth

1 inch = 300 ft

<= True Vertical Depth

1 inch = 300 ft

<= True Vertical Depth

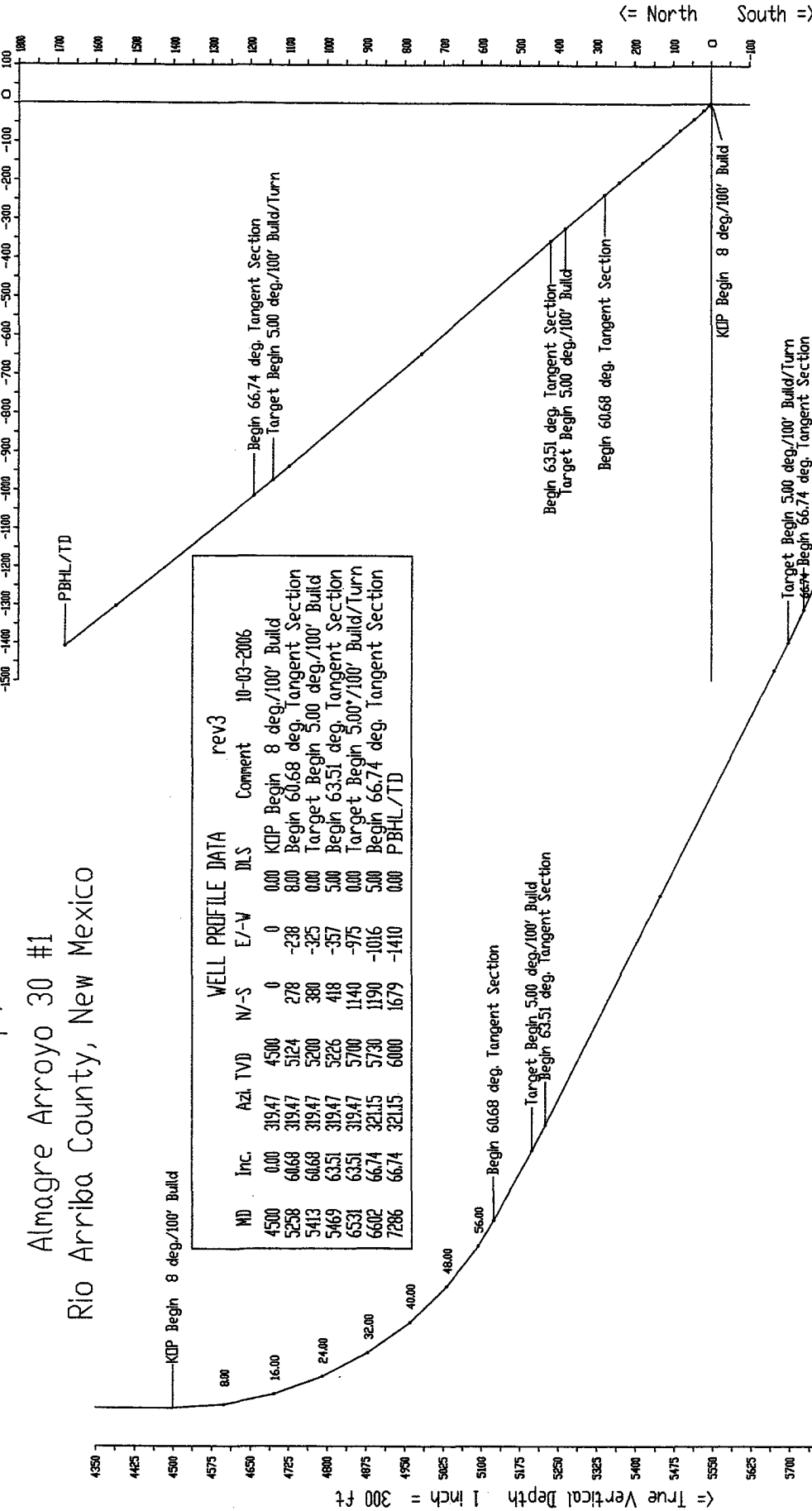
1 inch = 300 ft

<= True Vertical Depth

1 inch = 300 ft

<= True Vertical Depth

1 inch = 300 ft



WELL PROFILE DATA						rev3	
MD	Inc.	Azi	TVD	N-S	E-V	DLS	Comment
4500	0.00	319.47	4500	0	0	0.00	KIP Begin 8 deg./100' Build
5258	60.68	319.47	5124	278	-238	8.00	Begin 60.68 deg. Tangent Section
5413	60.68	319.47	5200	380	-325	0.00	Target Begin 5.00 deg./100' Build
5469	63.51	319.47	5226	418	-357	5.00	Begin 63.51 deg. Tangent Section
6531	63.51	319.47	5700	1140	-975	0.00	Target Begin 5.00 deg./100' Build/Turn
6602	66.74	321.15	5730	1190	-1016	5.00	Begin 66.74 deg. Tangent Section
7286	66.74	321.15	6000	1679	-1410	0.00	PBHL/TD



Vertical Section on 319.47 deg azimuth with reference 0.00 N, 0.00 E

Professional Directional Ltd.

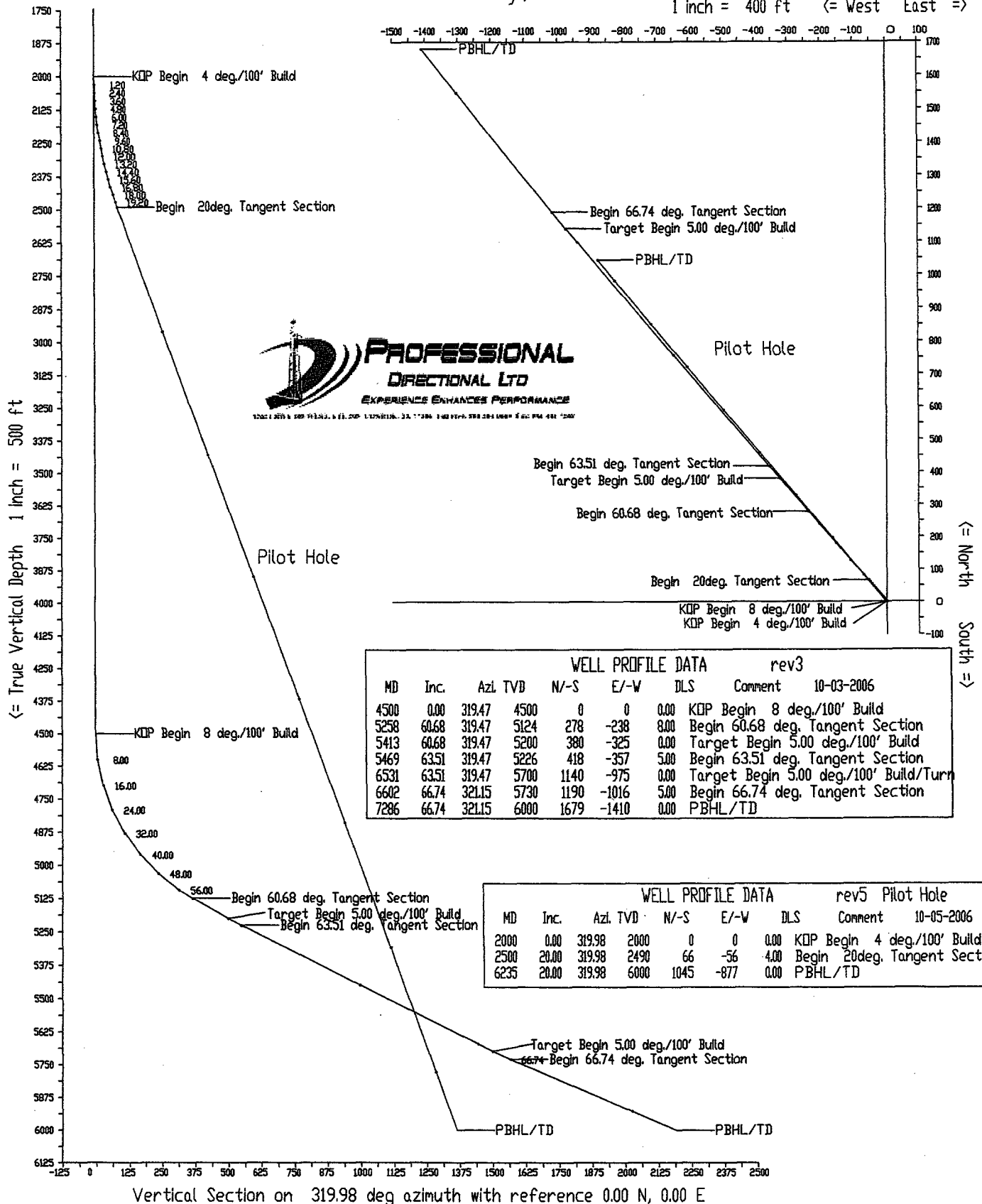
Company: U.S. Enercorp
Well: Almagre Orroyo 30 #1
Location: Rio Arriba County, New Mexico

Date: 3-Oct-2006
Rev 3
Page 1
Job #: 2768

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N/S (feet)	E/W (feet)	DLS (deg/100')	VS @ 319.98° Az (feet)	FNL	FSL	FWL	Comments
Surface Location											
4500.00	0.00	319.47	4500.00	0.00	0.00	0.00	0.00	2669.00	2605.00	2400.00	KOP Begin 8.00°/100' Build
4600.00	8.00	319.47	4599.68	5.30	-4.53	8.00	6.97	2663.70	2610.30	2395.47	
4700.00	16.00	319.47	4697.41	21.09	-18.03	8.00	27.74	2647.91	2626.09	2381.97	
4800.00	24.00	319.47	4791.30	47.06	-40.24	8.00	61.92	2621.94	2652.06	2359.76	
4900.00	32.00	319.47	4879.53	82.72	-70.72	8.00	108.82	2586.28	2687.72	2329.28	
5000.00	40.00	319.47	4960.36	127.36	-108.89	8.00	167.55	2541.64	2732.36	2291.11	
5100.00	48.00	319.47	5032.24	180.11	-153.99	8.00	236.96	2488.89	2785.11	2246.01	
5200.00	56.00	319.47	5093.75	239.96	-205.16	8.00	315.69	2429.04	2844.96	2194.84	
5258.50	60.68	319.47	5124.45	277.79	-237.51	8.00	365.47	2391.21	2882.79	2162.49	Begin 60.68° Tangent Section
5412.78	60.68	319.47	5200.00	380.03	-324.92	0.00	499.98	2288.97	2985.03	2075.08	Target Begin 5°/100' Build
5469.31	63.51	319.47	5226.46	418.00	-357.38	5.00	549.93	2251.00	3023.00	2042.62	
5969.31	63.51	319.47	5449.51	758.12	-648.19	0.00	997.41	1910.88	3363.12	1751.81	
6469.31	63.51	319.47	5672.55	1098.25	-938.99	0.00	1444.88	1570.75	3703.25	1461.01	
6530.84	63.51	319.47	5700.00	1140.10	-974.77	0.00	1499.94	1528.90	3745.10	1425.23	Target Begin 5°/100' Build/Turn
6602.28	66.74	321.15	5730.06	1189.98	-1016.15	5.00	1564.75	1479.02	3794.98	1383.85	Begin 66.74° Tangent Section
7102.28	66.74	321.15	5927.54	1547.73	-1304.27	0.00	2024.00	1121.27	4152.73	1095.73	
7285.76	66.74	321.15	6000.00	1679.00	-1410.00	0.00	2192.52	990.00	4284.00	990.00	PBHL/TD

U.S. Enercorp, L.L.C
 Almagre Arroyo 30 #1
 Rio Arriba County, New Mexico

1 inch = 400 ft (<= West East =>)



Vertical Section on 319.98 deg azimuth with reference 0.00 N, 0.00 E

U. S. Enercorp, Ltd.

PAGE 1

Almagre Arroyo 30 #1

SHL: 2605' FSL & 2400' FWL

Pilot BHL: 1624' FNL & 1523' FWL

Lateral BHL: 990' FNL & 1000' FWL

Sec. 30, T. 24 N., R. 1 E., Rio Arriba County, New Mexico

Drilling Program

1. ESTIMATED FORMATION TOPS

<u>Formation</u>	<u>GL Depth</u>	<u>KB Depth</u>	<u>Elevation</u>
Nacimient	0'	12'	+7,212'
Pictured Cliffs	1,000'	1,012'	+6,212'
Point Lookout	3,600'	3,612'	+3,612'
Mancos Shale	3,760'	3,772'	+3,452'
Gallup Sandstone	4,500'	4,512'	+2,712'
Sanostee	5,500'	5,512'	+1,712'
Dakota	6,000'	6,012'	+1,212'
(Lateral Measured Total Depth (TD)	7,286'	7,294'	+1,212')

2. NOTABLE ZONES

The Pictured Cliffs, Gallup, Sanostee, and Dakota are all potential oil or gas zones. Water may be found in the Nacimient, Pictured Cliffs, Sanostee, and Gallup. Water zones will be protected with casing, cement, and weighted mud. Fresh water encountered during drilling will be recorded by depth, cased, and cemented. Oil and gas shows will be tested for commercial potential based on the well site geologist's recommendations.

3. PRESSURE CONTROL

Maximum expected bottom hole pressure will be $\approx 1,500$ psi. The drilling contract has not yet been awarded, thus the exact BOP model to be used is not yet known. A typical 3,000 psi model is on PAGE 3. A 3,000 psi BOP and choke manifold system will be installed and tested for ≈ 10 minutes to a high of $\approx 2,000$ psi and a low of ≈ 250 psi before drilling out the surface casing plug.

CONFIDENTIAL - TIGHT HOLE !!!

Almagre Arroyo 30 #1

SHL: 2605' FSL & 2400' FWL

Pilot BHL: 1624' FNL & 1523' FWL

Lateral BHL: 990' FNL & 1000' FWL

Sec. 30, T. 24 N., R. 1 E., Rio Arriba County, New Mexico

It will remain in use until the well is completed or abandoned. A safety valve and sub with a full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use. Annular preventer will be tested to $\approx 50\%$ of its rated working pressure.

All inspections and BOP mechanical and pressure tests will be recorded on the driller's log. BOPs will be inspected and opened and closed at least daily to assure good mechanical working order. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place, anytime a seal is broken, or at least once every 14 days.

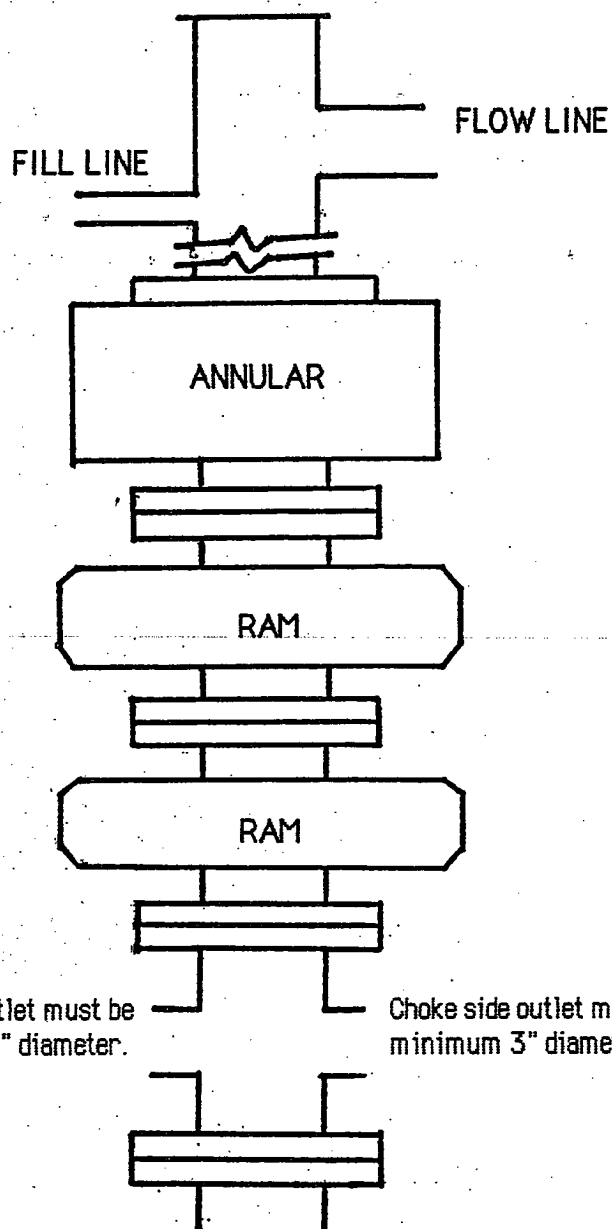
4. CASING & CEMENT

<u>Hole Size</u>	<u>O. D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>Age</u>	<u>Depth Set</u>
17-1/2"	13-3/8"	48	H-40	S T & C	New	0' - 320'
12-1/4"	7-5/8"	26.4	N-80	L T & C	New	0' - 4,200'
6-3/4"	4-1/2"	11.6	J-55	L T & C	New	4,000' - 7,286'

Surface casing will be cemented to the surface with ≈ 480 cubic feet (≈ 400 sacks) Class B with 1/4 pound per sack cellophane + 3% CaCl_2 . Yield = 1.2 cubic feet per sack. Weight = 15.64 pounds per gallon. Volume: $\geq 100\%$ excess. Three centralizers will be installed (on the float joint and every fourth joint thereafter).

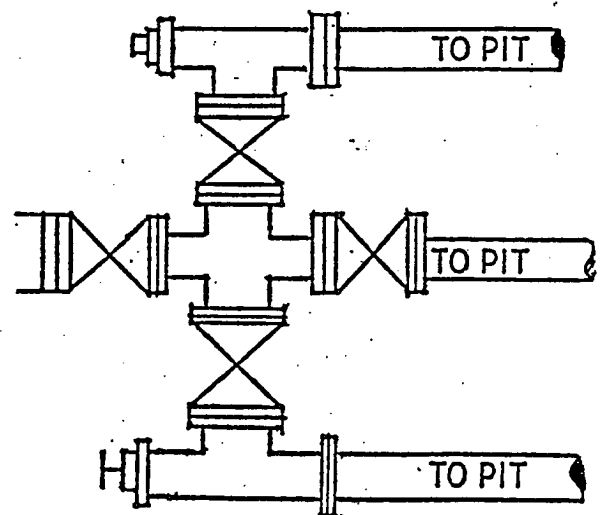
Stage collar will be set at $\approx 2,500'$. Volume: $\geq 10\%$ excess.

Will cement from $\approx 4,200$ to $\approx 2,500'$ with ≈ 50 sacks of 47 pps Class B + 18.5 pps Poz A + 5% salt + 1/4 pound per sack cellophane (= 11.5 pounds per gallon & 2.23 cubic feet per sack). Follow with 525 sacks Class B + 1/4 pound per sack cellophane (= 15.63 pounds per gallon & 1.18 cubic feet per sack). Fifteen centralizers will be installed (2 centralizers on the float and one on every other joint for $\approx 1,000'$).



TYPICAL BOP STACK
& CHOKE MANIFOLD

There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.



Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.

Upper kelly cock will have handle available.
Safety valve and subs will fit all drill string connections in use.
All BOPE connections subjected to well pressure will be flanged, welded, or clamped.

Almagre Arroyo 30 #1

SHL: 2605' FSL & 2400' FWL

Pilot BHL: 1624' FNL & 1523' FWL

Lateral BHL: 990' FNL & 1000' FWL

Sec. 30, T. 24 N., R. 1 E., Rio Arriba County, New Mexico

Will cement from $\approx 2,500'$ to surface with ≈ 650 sacks Class B with Poz A + salt + 1/4 pound per sack cellophane (=11.5 pounds per gallon & 2.23 cubic feet per sack) and ≈ 115 sacks Class B + 2% CaCl_2 + 1/4 pound per sack cellophane (=15.63 pounds per gallon & 1.18 cubic feet per sack). Eleven centralizers will be installed (on every fourth joint).

Liner will not be cemented.

5. MUD PROGRAM

<u>Depth</u>	<u>Type</u>	<u>ppg</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0' - 250'	Gel/Lime	8.4 - 8.6	28-45	N/C
250' - 4,200'	Gel/Polymer	8.6 - 8.8	38-46	8-10
4,200' - TD	KCl/Foam*	8.4	29-32	N/C

*aerate with parasite tubing

Sufficient material to maintain mud properties, control lost circulation, and contain a blowout will be available at the well site while drilling. Mud will be checked hourly by rig personnel. Material to soak up possible oil or fuel spills will be on site. A mud logger, gas detector, and flow sensor will be used. Pressure, volume, and temperature will be monitored.

6. CORES, TESTS, & LOGS

No cores or drill stem tests are planned. Triple combination log will be run from $\approx 320'$ to $\approx 4,200'$ and from ≈ 4200 to TD at $\approx 7,300'$ MD. Will also log pilot hole to $\approx 6,500'$.