

Form 3160-3
(August 2008)

RECEIVED

SEP 26 2012

NMOCD ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work ☒ DRILL ☐ REENTER		6. If Indian, Allottee or Tribe Name tes 9/28/2012	
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone		8. Lease Name and Well No. 2384747 Juniper BIP Federal Com. #12H	
2. Name of Operator Yates Petroleum Corporation 025575		9. API Well No. 30-015-40754	
3a. Address 105 South Fourth Street, Artesia, NM 88210	3b. Phone No. (include area code) 575-748-1471	10. Field and Pool, or Exploratory 415207 Cedar Canyon Bone Spring	
4. Location of well (Report location clearly and in accordance with any State requirements *) At surface 1296' FNL and 587 FEL Section 8, T24S-R29E At proposed prod. zone 1650' FNL and 330' FEL Section 9, T24S-R29E		11. Sec., T., R., M., or Blk. And Survey or Area Section 8, T24S-R29E	
14. Distance in miles and direction from the nearest town or post office* Approximately 6 miles east of Malaga, New Mexico		12. County or Parish Eddy County	13. State New Mexico
15. Distance from proposed* location to nearest property or lease line, ft (Also to nearest drlg. unit line, if any) 330'	16. No. of acres in lease 878.96	17. Spacing Unit dedicated to this well S/2 N/2 Section 9, T24S-R29E	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 660'	19. Proposed Depth 8778' 1367' 7800' TVD & 12748' TMD	20. BLM/ BIA Bond No. on file NATIONWIDE BOND #NMB000434	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 2995' GL	22. Approximate date work will start* ASAP	23. Estimated duration 60 days	

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 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 must be filed with the appropriate Forest Service Office) | 6. Such other site specific information and/ or plans as may be required by the BLM |

25. Signature 	Name (Printed/ Typed) Cy Cowan	3/14/2012
Title Regulatory Agent		
Approved By (Signature) /s/ Don Peterson	Name (Printed/ Typed) /s/ Don Peterson	Date SEP 25 2012
Title FIELD MANAGER		Office CARLSBAD FIELD 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 operations thereon.

APPROVAL FOR TWO YEARS

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 wilfully 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)

CONDITIONS OF APPROVAL

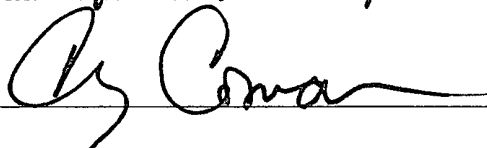
Carlsbad Controlled Water Basin

Approval Subject to General Requirements
& Special Stipulations Attached

CERTIFICATION
YATES PETROLEUM CORPORATION
Juniper BIP Federal Com. #12H

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; and an someone under employment of Yates Petroleum Corporation has full knowledge of state and federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 14th day of March 2012

Signature 

Name Cy Cowan

Position Title Land Regulatory Agent

Address 105 South Fourth Street, Artesia, New Mexico 88210

Telephone (505) 748-4372

Field Representative (if not above signatory) Tim Bussell, Drilling Supervisor

Address (if different from above) Same as above.

Telephone (if different from above) (505) 748-4221

E-mail (optional) _____

BASIN SURVEYS 25352

YATES PETROLEUM CORPORATION
 Juniper "BIP" Federal #12H
 1296' FNL & 587' FEL Section 8-24S-29E, Surface Hole Location
 1650' FNL & 330' FEL, Section 9-24S-29E, Bottom Hole Location
 Eddy County, New Mexico

1. The estimated tops of geologic markers are as follows:

FORMATION	TVD	FORMATION	TVD	TMD
Rustler	198'	Bone Springs LM	6623' Oil	
Top of Salt	603' <i>502A</i>	Upper Avalon	6766' Oil	
Base of Salt	2703' <i>601A</i>	Middle Avalon	6954' Oil	
Castile/LM/SD	2704'	Lower Avalon	7333' Oil	
Lamar	2883'	Bone Springs 1/SD/	7669' Oil	
Bell Canyon	2938' Oil	Kick Off Point	8237'	
Cherry Canyon	3798' Oil	Bone Springs 2/SD/	Oil	8498''
Brushy Canyon	5071' Oil	Target SBSG	8668' Oil	8976'
		TD Lateral	8778' Oil	13617'

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: 35'
 Oil or Gas: See above

3. Pressure Control Equipment: BOPE will be installed on the 13 3/8" and the 9 5/8" casing and rated for 3000# BOP System. Pressure tests will be conducted before drilling out from under all casing strings, which are set and cemented in place. Blowout Preventer controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.
4. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment, and a sub with 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.

5. THE PROPOSED CASING AND CEMENTING PROGRAM:

A. Casing Program: All new casing to be used

HOLE SIZE	CASING SIZE	WT/FT	GRADE	COUPLING	INTERVAL	LENGTH
17 1/2"	13 3/8"	48#	H-40	ST&C	0-600'	600'
12 1/4"	9 5/8"	36#	J-55	LT&C	0-2850'	2850'
8 3/4"	5 1/2"	17#	P-110	LT&C	0'-8200'	8200'
8 1/2"	5 1/2"	17#	P-110	Buttress	8200'-13617'	5417'

Minimum Casing Design Factors: Burst 1.0, Tensile Strength 1.8, Collapse 1.125

B. CEMENTING PROGRAM:

• **Surface Casing:** Lead with 278 sacks 35:65:6PzC (Wt. 12.50 Yld 2.00). Tail in with 200 sacks Class C with ClCa2 (Wt. 14.80 Yld. 1.34). Cement designed with 100% excess. TOC surface.

Intermediate Casing: Lead with 750 sacks of 35:65:6PzC (Wt 12.50 Yld 2.00). Tail in with 200 sacks C with CaCl2 (Wt. 14.80 Yld. 1.34). Cement designed with 100% excess. TOC surface

Production Casing: cemented in two stages with a DV Cementer tool at 6300'.

Stage One: Lead with 445 sacks 35:65:6PzC (Wt. 12.50 Yld. 2.00. Tail in with 1140 sacks PecosVILt with D112-Fluid Loss=.5% BWOC, D151-CaCO₃ Weight=30% BWOC, D174-Expanding Ce=1.5% BWOC, D800-Retarder=.6% BWOC, D208-Viscosifier=.1% BWOC and D046-Antifoam=.2% BWOC (Wt. 13,00 Yld. 1.41). Cement designed with 35% excess. TOC 6300'.

Stage Two: Lead with 535 sacks 35:65:6PzC (Wt. 12.50 Yld 2.00). Tail in with 200 sacks PecosVILt with D112-Fluid Loss=.5% BWOC, D151-CaCO₃ Weight=30% BWOC, D174-Expanding Ce=1.5% BWOC, D800-Retarder=.6% BWOC, D208-Viscosifier=.1% BWOC and D046-Antifoam=.2% BWOC (Wt. 13,00 Yld. 1.41).

Well will be drilled ~~vertically~~ ^{directionally} to 8237'. Well will be kicked off at 8237' and directionally drilled at 12 degrees per 100' with a 8 3/4" hole to 8976' MD (8668' TVD). Hole size will be reduced to 8 1/2" and drilled to 13617' MD (8778' TVD) where 5 1/2" casing will be set and cemented. A DV cementer tool will be set approximately 6300'. Cement will be placed from TD to about 2350'. Penetration point of producing zone will be encountered at 1650' FNL & 330' FWL, 9-24S-29E. Deepest TVD in the well is 8778' in the lateral.

6. MUD PROGRAM AND AUXILIARY EQUIPMENT:

INTERVAL	TYPE	WEIGHT	VISCOSITY	FLUID LOSS
0-600'	Fresh Water	8.60-9.20	28-32	N/C
600'-2850'	Brine Water	10.00-10.20	28-30	N/C
2850'-8976'	Cut Brine	9.00-9.20	30-32	N/C
8976'-13617'	Cut Brine(Lateral Section)	9.00-9.20	32-34	<12

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Rig personnel will check mud hourly.

7. EVALUATION PROGRAM: *See COA*

Samples: 30' samples to 5000'. 10' samples from 5000' to TD. Mudloggers on at surface casing
Logging: GR Neutron TD to surface; Density TD to intermediate casing; Laterolog TD to intermediate casing; CMR TD to intermediate casing.

Coring: None anticipated

DST's: None Anticipated

8. ABNORMAL CONDITIONS, BOTTOM HOLE PRESSURE, AND POTENTIAL HAZARDS:

Maximum Anticipated BHP:

0'-600' 287 PSI

600'-2850' 1512 PSI

2850'-8778' 4199 PSI

Abnormal Pressures Anticipated: None

Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None Anticipated

Maximum Bottom Hole Temperature: 150 F

9. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 60 days to drill the well with completion taking another 40 days.



Yates Petroleum Corp.

Eddy County (NAD 83)

Juniper "BIP" Federal

#12H

OH

Plan: Plan #2

PathfinderX & Y Report

28 August, 2012

PATHFINDER[®]

A Schlumberger Company



Pathfinder
PathfinderX & Y Report

PATHFINDER
A Schlumberger Company

Company: Yates Petroleum Corp
Project: Eddy County (NAD 83)
Site: Juniper "BIP" Federal
Well: #12H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well #12H
TVD Reference: KB = 0 @ 2995.0usft (N/A)
MD Reference: KB = 0 @ 2995.0usft (N/A)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000 1 Single User Db

Project Eddy County (NAD 83)

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

Site Juniper "BIP" Federal

Site Position:	Northing:	452,382.500 usft	Latitude:	32.243229
From: Map	Easting:	645,120.500 usft	Longitude:	-103.997648
Position Uncertainty: 0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.18 °

Well #12H

Well Position	+N/-S	0.0 usft	Northing:	449,714.433 usft	Latitude:	32.235901
	+E/-W	0.0 usft	Easting:	644,416.374 usft	Longitude:	-103.999952
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	2,995.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	3/12/2012	7.68	60.13	48,545

Design Plan #2

Audit Notes:

Version: Phase: PLAN Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	93.42

Survey Tool Program Date 8/28/2012

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	13,616.0	Plan #2 (OH)	MWD	MWD - Standard



Pathfinder PathfinderX & Y Report

PATHFINDER
A Schlumberger Company

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Project: Eddy County (NAD 83)
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Wellbore: OH
Design: Plan #2

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MD Reference: KB = 0 @ 2995.0usft (N/A)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg. (°/100usft)	Northing (usft)	Easting (usft)
0.0	0.00	0.00	0.0	-2,995.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
100.0	0.00	0.00	100.0	-2,895.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
200.0	0.00	0.00	200.0	-2,795.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
300.0	0.00	0.00	300.0	-2,695.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
400.0	0.00	0.00	400.0	-2,595.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
500.0	0.00	0.00	500.0	-2,495.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
600.0	0.00	0.00	600.0	-2,395.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
700.0	0.00	0.00	700.0	-2,295.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
800.0	0.00	0.00	800.0	-2,195.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
900.0	0.00	0.00	900.0	-2,095.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
1,000.0	0.00	0.00	1,000.0	-1,995.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
1,100.0	0.00	0.00	1,100.0	-1,895.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
1,200.0	0.00	0.00	1,200.0	-1,795.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
1,300.0	0.00	0.00	1,300.0	-1,695.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
1,400.0	0.00	0.00	1,400.0	-1,595.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
1,500.0	0.00	0.00	1,500.0	-1,495.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
1,600.0	0.00	0.00	1,600.0	-1,395.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
1,700.0	0.00	0.00	1,700.0	-1,295.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
1,800.0	0.00	0.00	1,800.0	-1,195.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
1,900.0	0.00	0.00	1,900.0	-1,095.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
2,000.0	0.00	0.00	2,000.0	-995.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
2,100.0	0.00	0.00	2,100.0	-895.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
2,200.0	0.00	0.00	2,200.0	-795.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
2,300.0	0.00	0.00	2,300.0	-695.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
2,400.0	0.00	0.00	2,400.0	-595.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
2,500.0	0.00	0.00	2,500.0	-495.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
2,600.0	0.00	0.00	2,600.0	-395.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37



Pathfinder PathfinderX & Y Report

PATHFINDER
A Schlumberger Company

Company: Yates Petroleum Corp.
Project: Eddy County (NAD 83)
Site: Juniper "BIP" Federal
Well: #12H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well #12H
TVD Reference: KB = 0 @ 2995.0usft (N/A)
MD Reference: KB = 0 @ 2995.0usft (N/A)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (%/100usft)	Northing (usft)	Easting (usft)
2,700.0	0.00	0.00	2,700.0	-295.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
2,800.0	0.00	0.00	2,800.0	-195.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
2,900.0	0.00	0.00	2,900.0	-95.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,000.0	0.00	0.00	3,000.0	5.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,100.0	0.00	0.00	3,100.0	105.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,200.0	0.00	0.00	3,200.0	205.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,300.0	0.00	0.00	3,300.0	305.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,400.0	0.00	0.00	3,400.0	405.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,500.0	0.00	0.00	3,500.0	505.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,600.0	0.00	0.00	3,600.0	605.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,700.0	0.00	0.00	3,700.0	705.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,800.0	0.00	0.00	3,800.0	805.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,868.0	0.00	0.00	3,868.0	873.0	0.0	0.0	0.0	0.00	449,714.43	644,416.37
3,900.0	0.50	128.62	3,900.0	905.0	-0.1	0.1	0.1	1.58	449,714.35	644,416.48
4,000.0	2.08	128.62	4,000.0	1,005.0	-1.5	1.9	2.0	1.58	449,712.94	644,418.25
4,100.0	3.66	128.62	4,099.8	1,104.8	-4.6	5.8	6.0	1.58	449,709.81	644,422.16
4,200.0	5.23	128.62	4,199.5	1,204.5	-9.5	11.8	12.4	1.58	449,704.98	644,428.21
4,300.0	6.81	128.62	4,299.0	1,304.0	-16.0	20.0	21.0	1.58	449,698.43	644,436.41
4,400.0	8.39	128.62	4,398.1	1,403.1	-24.3	30.4	31.8	1.58	449,690.18	644,446.74
4,502.4	10.00	128.62	4,499.2	1,504.2	-34.5	43.2	45.1	1.58	449,679.96	644,459.53
4,600.0	10.00	128.62	4,595.3	1,600.3	-45.0	56.4	59.0	0.00	449,669.39	644,472.77
4,700.0	10.00	128.62	4,693.8	1,698.8	-55.9	70.0	73.2	0.00	449,658.55	644,486.34
4,800.0	10.00	128.62	4,792.3	1,797.3	-66.7	83.5	87.4	0.00	449,647.71	644,499.91
4,900.0	10.00	128.62	4,890.7	1,895.7	-77.6	97.1	101.6	0.00	449,636.87	644,513.48
5,000.0	10.00	128.62	4,989.2	1,994.2	-88.4	110.7	115.8	0.00	449,626.03	644,527.05
5,100.0	10.00	128.62	5,087.7	2,092.7	-99.2	124.3	130.0	0.00	449,615.19	644,540.62
5,200.0	10.00	128.62	5,186.2	2,191.2	-110.1	137.8	144.1	0.00	449,604.35	644,554.20



Pathfinder

PathfinderX & Y Report



Company: Yates Petroleum Corp
 Project: Eddy County (NAD 83)
 Site: Juniper "BIP" Federal
 Well: #12H
 Wellbore: OH
 Design: Plan #2

Local Co-ordinate Reference: Well #12H
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 Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
5,300.0	10.00	128.62	5,284.7	2,289.7	-120.9	151.4	158.3	0.00	449,593.51	644,567.77
5,400.0	10.00	128.62	5,383.1	2,388.1	-131.8	165.0	172.5	0.00	449,582.67	644,581.34
5,500.0	10.00	128.62	5,481.6	2,486.6	-142.6	178.5	186.7	0.00	449,571.83	644,594.91
5,600.0	10.00	128.62	5,580.1	2,585.1	-153.4	192.1	200.9	0.00	449,560.99	644,608.48
5,700.0	10.00	128.62	5,678.6	2,683.6	-164.3	205.7	215.1	0.00	449,550.15	644,622.05
5,800.0	10.00	128.62	5,777.1	2,782.1	-175.1	219.2	229.3	0.00	449,539.32	644,635.62
5,900.0	10.00	128.62	5,875.5	2,880.5	-186.0	232.8	243.5	0.00	449,528.48	644,649.19
6,000.0	10.00	128.62	5,974.0	2,979.0	-196.8	246.4	257.7	0.00	449,517.64	644,662.76
6,100.0	10.00	128.62	6,072.5	3,077.5	-207.6	260.0	271.9	0.00	449,506.80	644,676.33
6,200.0	10.00	128.62	6,171.0	3,176.0	-218.5	273.5	286.1	0.00	449,495.96	644,689.90
6,300.0	10.00	128.62	6,269.5	3,274.5	-229.3	287.1	300.3	0.00	449,485.12	644,703.47
6,400.0	10.00	128.62	6,367.9	3,372.9	-240.2	300.7	314.5	0.00	449,474.28	644,717.04
6,500.0	10.00	128.62	6,466.4	3,471.4	-251.0	314.2	328.7	0.00	449,463.44	644,730.61
6,600.0	10.00	128.62	6,564.9	3,569.9	-261.8	327.8	342.9	0.00	449,452.60	644,744.18
6,700.0	10.00	128.62	6,663.4	3,668.4	-272.7	341.4	357.1	0.00	449,441.76	644,757.75
6,800.0	10.00	128.62	6,761.9	3,766.9	-283.5	354.9	371.2	0.00	449,430.92	644,771.32
6,900.0	10.00	128.62	6,860.3	3,865.3	-294.3	368.5	385.4	0.00	449,420.08	644,784.89
7,000.0	10.00	128.62	6,958.8	3,963.8	-305.2	382.1	399.6	0.00	449,409.24	644,798.46
7,100.0	10.00	128.62	7,057.3	4,062.3	-316.0	395.7	413.8	0.00	449,398.41	644,812.03
7,115.4	10.00	128.62	7,072.5	4,077.5	-317.7	397.8	416.0	0.00	449,396.73	644,814.13
7,200.0	8.67	128.62	7,155.9	4,160.9	-326.3	408.5	427.2	1.58	449,388.17	644,824.85
7,300.0	7.09	128.62	7,255.0	4,260.0	-334.8	419.2	438.4	1.58	449,379.62	644,835.56
7,400.0	5.52	128.62	7,354.4	4,359.4	-341.7	427.8	447.4	1.58	449,372.76	644,844.14
7,500.0	3.94	128.62	7,454.1	4,459.1	-346.8	434.2	454.1	1.58	449,367.62	644,850.58
7,600.0	2.36	128.62	7,553.9	4,558.9	-350.2	438.5	458.6	1.58	449,364.19	644,854.87
7,700.0	0.79	128.62	7,653.9	4,658.9	-352.0	440.6	460.9	1.58	449,362.48	644,857.02
7,749.8	0.00	0.00	7,703.7	4,708.7	-352.2	440.9	461.2	1.58	449,362.26	644,857.28



Pathfinder PathfinderX & Y Report



Company: Yates Petroleum Corp
Project: Eddy County (NAD 83)
Site: Juniper "BIP" Federal
Well: #12H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well #12H
TVD Reference: KB = 0 @ 2995.0usft (N/A)
MD Reference: KB = 0 @ 2995.0usft (N/A)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Incl (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
7,800.0	0.00	0.00	7,753.9	4,758.9	-352.2	440.9	461.2	0.00	449,362.26	644,857.28
7,900.0	0.00	0.00	7,853.9	4,858.9	-352.2	440.9	461.2	0.00	449,362.26	644,857.28
8,000.0	0.00	0.00	7,953.9	4,958.9	-352.2	440.9	461.2	0.00	449,362.26	644,857.28
8,100.0	0.00	0.00	8,053.9	5,058.9	-352.2	440.9	461.2	0.00	449,362.26	644,857.28
8,200.0	0.00	0.00	8,153.9	5,158.9	-352.2	440.9	461.2	0.00	449,362.26	644,857.28
8,236.8	0.00	0.00	8,190.7	5,195.7	-352.2	440.9	461.2	0.00	449,362.26	644,857.28
8,250.0	1.58	89.77	8,203.9	5,208.9	-352.2	441.1	461.3	12.00	449,362.26	644,857.47
8,275.0	4.58	89.77	8,228.8	5,233.8	-352.2	442.4	462.7	12.00	449,362.27	644,858.81
8,300.0	7.58	89.77	8,253.7	5,258.7	-352.2	445.1	465.3	12.00	449,362.28	644,861.45
8,325.0	10.58	89.77	8,278.4	5,283.4	-352.1	449.0	469.3	12.00	449,362.30	644,865.40
8,350.0	13.58	89.77	8,302.8	5,307.8	-352.1	454.3	474.5	12.00	449,362.32	644,870.63
8,375.0	16.58	89.77	8,326.9	5,331.9	-352.1	460.8	481.0	12.00	449,362.34	644,877.13
8,400.0	19.58	89.77	8,350.7	5,355.7	-352.1	468.5	488.7	12.00	449,362.37	644,884.89
8,425.0	22.58	89.77	8,374.0	5,379.0	-352.0	477.5	497.7	12.00	449,362.41	644,893.88
8,450.0	25.58	89.77	8,396.8	5,401.8	-352.0	487.7	507.9	12.00	449,362.45	644,904.08
8,475.0	28.58	89.77	8,419.1	5,424.1	-351.9	499.1	519.2	12.00	449,362.49	644,915.46
8,500.0	31.58	89.77	8,440.7	5,445.7	-351.9	511.6	531.7	12.00	449,362.54	644,927.98
8,525.0	34.58	89.77	8,461.7	5,466.7	-351.8	525.3	545.3	12.00	449,362.60	644,941.63
8,550.0	37.58	89.77	8,481.9	5,486.9	-351.8	540.0	560.0	12.00	449,362.66	644,956.35
8,575.0	40.58	89.77	8,501.3	5,506.3	-351.7	555.7	575.7	12.00	449,362.72	644,972.11
8,600.0	43.58	89.77	8,519.8	5,524.8	-351.6	572.5	592.5	12.00	449,362.79	644,988.86
8,625.0	46.58	89.77	8,537.5	5,542.5	-351.6	590.2	610.1	12.00	449,362.86	645,006.56
8,650.0	49.58	89.77	8,554.2	5,559.2	-351.5	608.8	628.7	12.00	449,362.93	645,025.16
8,675.0	52.58	89.77	8,569.9	5,574.9	-351.4	628.2	648.1	12.00	449,363.01	645,044.60
8,700.0	55.58	89.77	8,584.6	5,589.6	-351.3	648.5	668.3	12.00	449,363.09	645,064.85
8,725.0	58.58	89.77	8,598.1	5,603.1	-351.3	669.5	689.2	12.00	449,363.17	645,085.83
8,750.0	61.58	89.77	8,610.6	5,615.6	-351.2	691.1	710.9	12.00	449,363.26	645,107.50



Pathfinder PathfinderX & Y Report



Company: Yates Petroleum Corp.
Project: Eddy County (NAD 83)
Site: Juniper "BIP" Federal
Well: #12H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well #12H
TVD Reference: KB = 0 @ 2995.0usft (N/A)
MD Reference: KB = 0 @ 2995.0usft (N/A)
North Reference: Gnd
Survey Calculation Method: Minimum Curvature
Database: EDM 5000 1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (%/100usft)	Northing (usft)	Easting (usft)	
8,775.0	64.58	89.77	8,621.9	5,626.9	-351.1	713.4	733.1	12.00	449,363.35	645,129.78	
8,800.0	67.58	89.77	8,632.1	5,637.1	-351.0	736.3	755.9	12.00	449,363.44	645,152.63	
8,825.0	70.58	89.77	8,641.0	5,646.0	-350.9	759.6	779.2	12.00	449,363.53	645,175.98	
8,850.0	73.58	89.77	8,648.7	5,653.7	-350.8	783.4	802.9	12.00	449,363.63	645,199.77	
8,875.0	76.58	89.77	8,655.1	5,660.1	-350.7	807.5	827.0	12.00	449,363.72	645,223.92	
8,900.0	79.58	89.77	8,660.3	5,665.3	-350.6	832.0	851.5	12.00	449,363.82	645,248.38	
8,925.0	82.58	89.77	8,664.2	5,669.2	-350.5	856.7	876.1	12.00	449,363.92	645,273.07	
8,950.0	85.58	89.77	8,666.7	5,671.7	-350.4	881.6	900.9	12.00	449,364.02	645,297.94	
8,975.5	88.64	89.77	8,668.0	5,673.0	-350.3	907.1	926.4	12.00	449,364.12	645,323.43	
9,000.0	88.64	89.77	8,668.6	5,673.6	-350.2	931.5	950.8	0.00	449,364.22	645,347.89	
9,100.0	88.64	89.77	8,671.0	5,676.0	-349.8	1,031.5	1,050.5	0.00	449,364.61	645,447.86	
9,200.0	88.64	89.77	8,673.3	5,678.3	-349.4	1,131.5	1,150.3	0.00	449,365.01	645,547.84	
9,300.0	88.64	89.77	8,675.7	5,680.7	-349.0	1,231.4	1,250.1	0.00	449,365.41	645,647.81	
9,400.0	88.64	89.77	8,678.1	5,683.1	-348.6	1,331.4	1,349.8	0.00	449,365.81	645,747.78	
9,500.0	88.64	89.77	8,680.5	5,685.5	-348.2	1,431.4	1,449.6	0.00	449,366.20	645,847.75	
9,600.0	88.64	89.77	8,682.8	5,687.8	-347.8	1,531.3	1,549.4	0.00	449,366.60	645,947.72	
9,700.0	88.64	89.77	8,685.2	5,690.2	-347.4	1,631.3	1,649.2	0.00	449,367.00	646,047.69	
9,800.0	88.64	89.77	8,687.6	5,692.6	-347.0	1,731.3	1,748.9	0.00	449,367.40	646,147.66	
9,900.0	88.64	89.77	8,689.9	5,694.9	-346.6	1,831.3	1,848.7	0.00	449,367.80	646,247.63	
10,000.0	88.64	89.77	8,692.3	5,697.3	-346.2	1,931.2	1,948.5	0.00	449,368.19	646,347.60	
10,100.0	88.64	89.77	8,694.7	5,699.7	-345.8	2,031.2	2,048.2	0.00	449,368.59	646,447.58	
10,200.0	88.64	89.77	8,697.0	5,702.0	-345.4	2,131.2	2,148.0	0.00	449,368.99	646,547.55	
10,300.0	88.64	89.77	8,699.4	5,704.4	-345.0	2,231.1	2,247.8	0.00	449,369.39	646,647.52	
10,400.0	88.64	89.77	8,701.8	5,706.8	-344.6	2,331.1	2,347.5	0.00	449,369.79	646,747.49	
10,500.0	88.64	89.77	8,704.1	5,709.1	-344.2	2,431.1	2,447.3	0.00	449,370.18	646,847.46	
10,600.0	88.64	89.77	8,706.5	5,711.5	-343.9	2,531.1	2,547.1	0.00	449,370.58	646,947.43	
10,700.0	88.64	89.77	8,708.9	5,713.9	-343.5	2,631.0	2,646.8	0.00	449,370.98	647,047.40	



Pathfinder PathfinderX & Y Report



Company: Yates Petroleum Corp.
Project: Eddy County (NAD 83)
Site: Juniper "BIP" Federal
Well: #12H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well #12H
TVD Reference: KB = 0 @ 2995.0usft (N/A)
MD Reference: KB = 0 @ 2995.0usft (N/A)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000 1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi.(azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec. (usft)	DLeg. (°/100usft)	Northing (usft)	Easting (usft)
10,800.0	88.64	89.77	8,711.3	5,716.3	-343.1	2,731.0	2,746.6	0.00	449,371.38	647,147.37
10,900.0	88.64	89.77	8,713.6	5,718.6	-342.7	2,831.0	2,846.4	0.00	449,371.78	647,247.34
11,000.0	88.64	89.77	8,716.0	5,721.0	-342.3	2,930.9	2,946.1	0.00	449,372.17	647,347.32
11,100.0	88.64	89.77	8,718.4	5,723.4	-341.9	3,030.9	3,045.9	0.00	449,372.57	647,447.29
11,200.0	88.64	89.77	8,720.7	5,725.7	-341.5	3,130.9	3,145.7	0.00	449,372.97	647,547.26
11,300.0	88.64	89.77	8,723.1	5,728.1	-341.1	3,230.9	3,245.5	0.00	449,373.37	647,647.23
11,400.0	88.64	89.77	8,725.5	5,730.5	-340.7	3,330.8	3,345.2	0.00	449,373.76	647,747.20
11,500.0	88.64	89.77	8,727.8	5,732.8	-340.3	3,430.8	3,445.0	0.00	449,374.16	647,847.17
11,600.0	88.64	89.77	8,730.2	5,735.2	-339.9	3,530.8	3,544.8	0.00	449,374.56	647,947.14
11,700.0	88.64	89.77	8,732.6	5,737.6	-339.5	3,630.7	3,644.5	0.00	449,374.96	648,047.11
11,800.0	88.64	89.77	8,735.0	5,740.0	-339.1	3,730.7	3,744.3	0.00	449,375.36	648,147.08
11,900.0	88.64	89.77	8,737.3	5,742.3	-338.7	3,830.7	3,844.1	0.00	449,375.75	648,247.06
12,000.0	88.64	89.77	8,739.7	5,744.7	-338.3	3,930.7	3,943.8	0.00	449,376.15	648,347.03
12,100.0	88.64	89.77	8,742.1	5,747.1	-337.9	4,030.6	4,043.6	0.00	449,376.55	648,447.00
12,200.0	88.64	89.77	8,744.4	5,749.4	-337.5	4,130.6	4,143.4	0.00	449,376.95	648,546.97
12,300.0	88.64	89.77	8,746.8	5,751.8	-337.1	4,230.6	4,243.1	0.00	449,377.35	648,646.94
12,400.0	88.64	89.77	8,749.2	5,754.2	-336.7	4,330.5	4,342.9	0.00	449,377.74	648,746.91
12,500.0	88.64	89.77	8,751.5	5,756.5	-336.3	4,430.5	4,442.7	0.00	449,378.14	648,846.88
12,600.0	88.64	89.77	8,753.9	5,758.9	-335.9	4,530.5	4,542.5	0.00	449,378.54	648,946.85
12,700.0	88.64	89.77	8,756.3	5,761.3	-335.5	4,630.5	4,642.2	0.00	449,378.94	649,046.82
12,800.0	88.64	89.77	8,758.6	5,763.6	-335.1	4,730.4	4,742.0	0.00	449,379.33	649,146.80
12,900.0	88.64	89.77	8,761.0	5,766.0	-334.7	4,830.4	4,841.8	0.00	449,379.73	649,246.77
13,000.0	88.64	89.77	8,763.4	5,768.4	-334.3	4,930.4	4,941.5	0.00	449,380.13	649,346.74
13,100.0	88.64	89.77	8,765.8	5,770.8	-333.9	5,030.3	5,041.3	0.00	449,380.53	649,446.71
13,200.0	88.64	89.77	8,768.1	5,773.1	-333.5	5,130.3	5,141.1	0.00	449,380.93	649,546.68
13,300.0	88.64	89.77	8,770.5	5,775.5	-333.1	5,230.3	5,240.8	0.00	449,381.32	649,646.65
13,400.0	88.64	89.77	8,772.9	5,777.9	-332.7	5,330.2	5,340.6	0.00	449,381.72	649,746.62



Pathfinder
PathfinderX & Y Report

PATHFINDER
A Schlumberger Company

Company: Yates Petroleum Corp.
Project: Eddy County (NAD 83)
Site: Juniper "BIP" Federal
Well: #12H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well #12H
TVD Reference: KB = 0 @ 2995.0usft (N/A)
MD Reference: KB = 0 @ 2995.0usft (N/A)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000 1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
13,500.0	88.64	89.77	8,775.2	5,780.2	-332.3	5,430.2	5,440.4	0.00	449,382.12	649,846.59
13,600.0	88.64	89.77	8,777.6	5,782.6	-331.9	5,530.2	5,540.1	0.00	449,382.52	649,946.57
13,617.0	88.64	89.77	8,778.0	5,783.0	-331.8	5,547.1	5,557.1	0.00	449,382.59	649,963.52

PBHL(Juniper #12H)

Checked By: _____ Approved By: _____ Date: _____

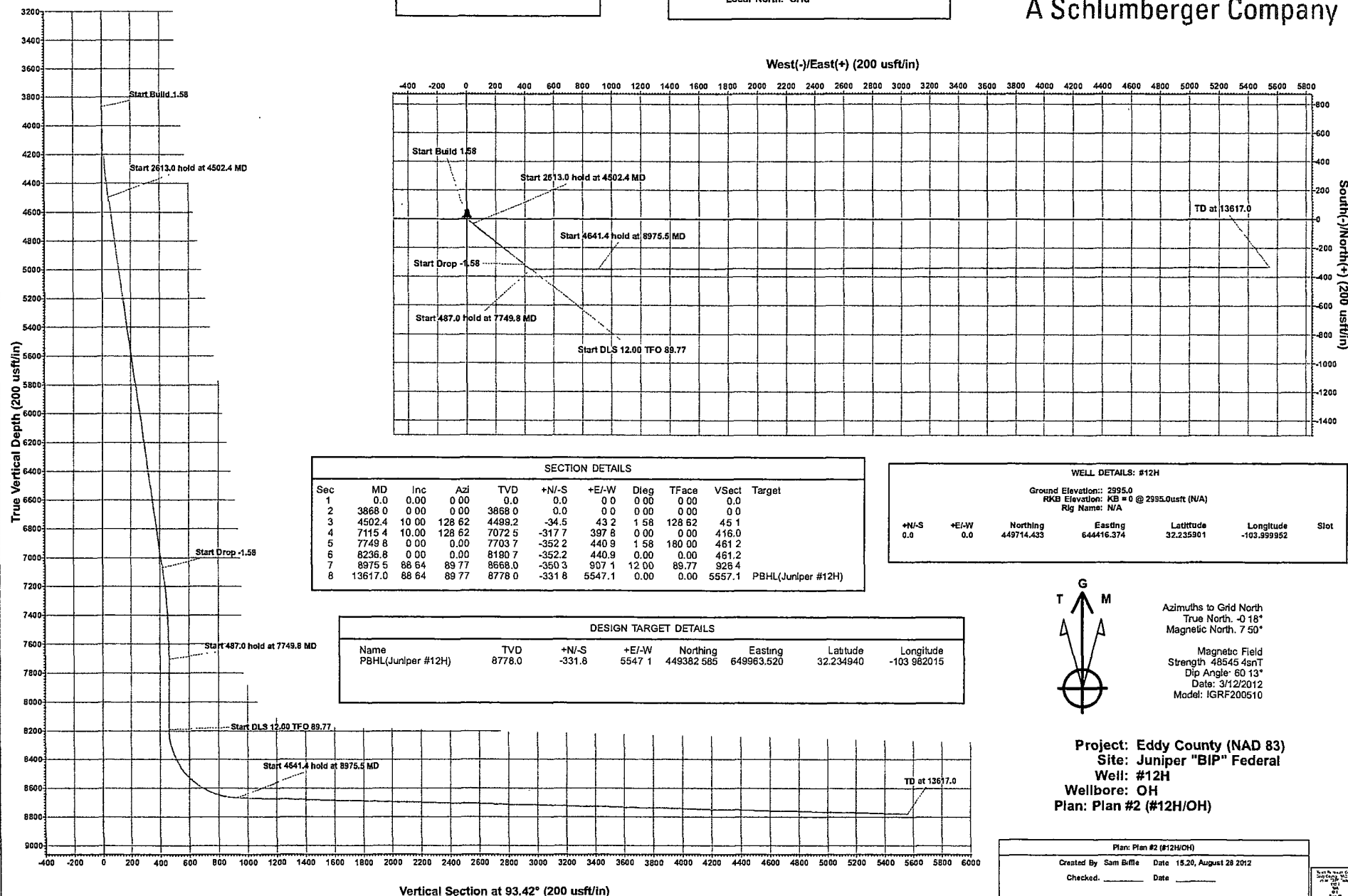


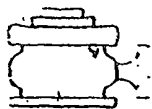
Project: Eddy County (NAD 83)
Site: Juniper "BIP" Federal
Well: #12H
Wellbore: OH
Plan: Plan #2

PROJECT DETAILS: Eddy County (NAD 83)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid



A Schlumberger Company

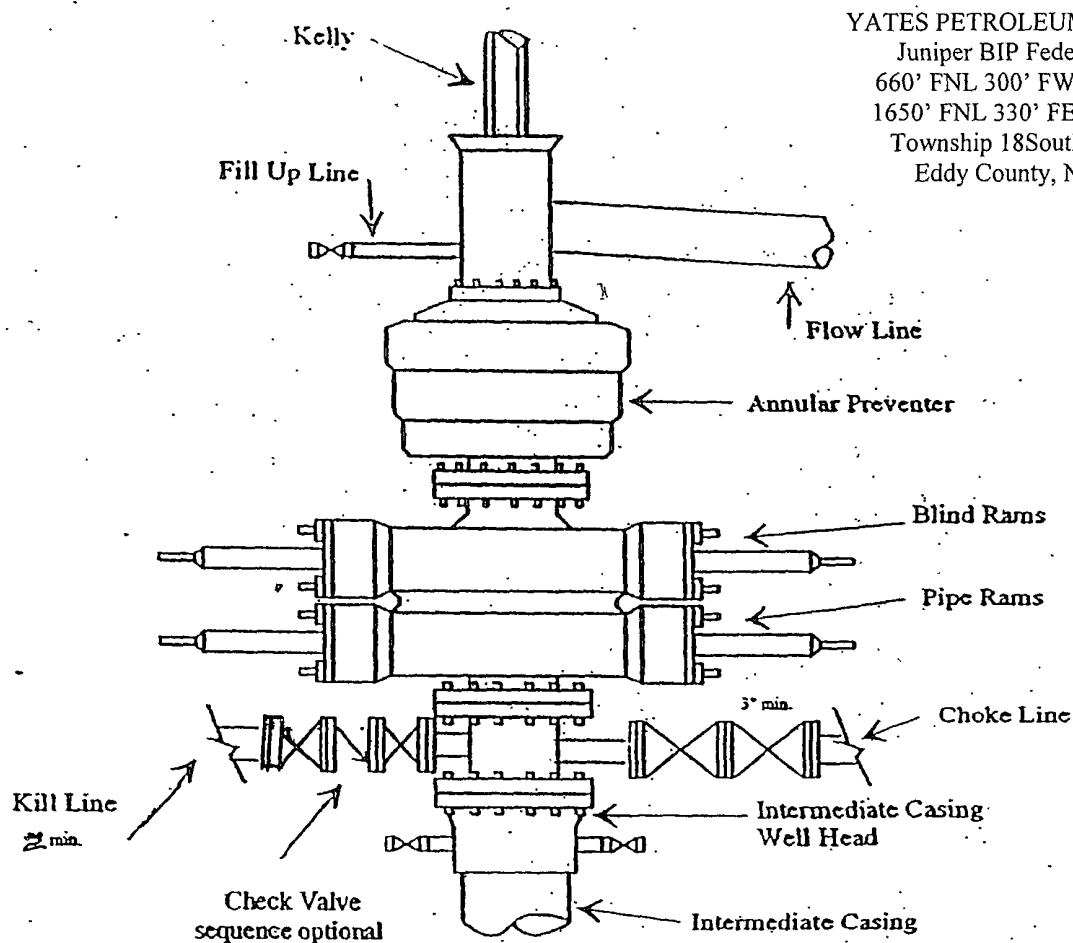




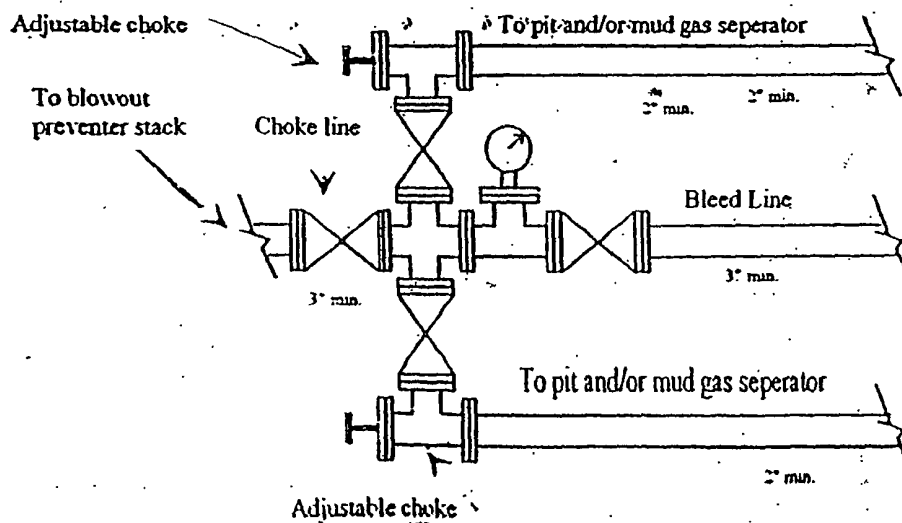
Yates Petroleum Corporation

BOP-3

Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features



Yates Petroleum Corporation

**105 S. Fourth Street
Artesia, NM 88210**

Hydrogen Sulfide (H₂S) Contingency Plan

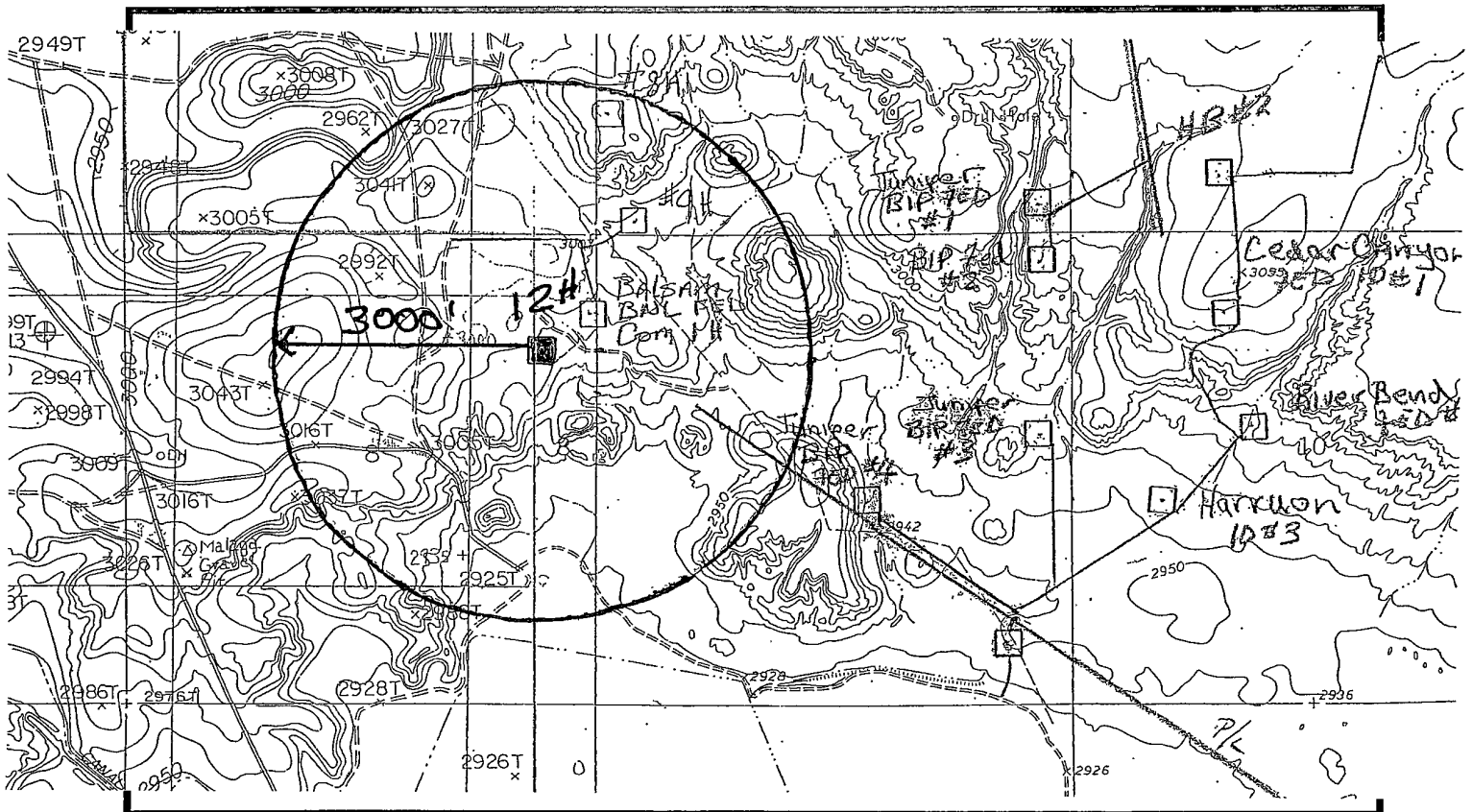
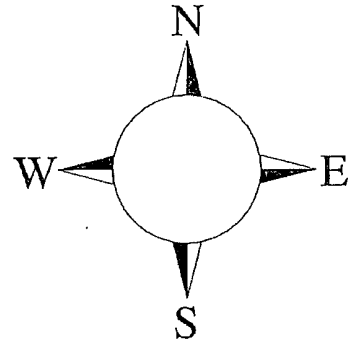
For

Juniper BIP Federal Com. #12H

**1296' FNL and 587' FEL
Section 8, T24S,-R29E
Eddy County, NM**

Juniper BIP Federal Com. #12H

This is an open drilling site. H₂S monitoring equipment and emergency response equipment will be used within 500' of zones known to contain H₂S, including warning signs, wind indicators and H₂S monitor.



Assumed 100 ppm ROE = 3000'
100 ppm H₂S concentration shall trigger activation of this plan.

Emergency Procedures

In the case of a release of gas containing H₂S, the first responder(s) must isolate the area and prevent entry by other persons into the 100 ppm ROE. Additionally the first responder(s) must evacuate any public places encompassed by the 100 ppm ROE. First responder(s) must take care not to injure themselves during this operation. Company and/or local officials must be contacted to aid in this operation. Evacuation of the public should be beyond the 100 ppm ROE.

All responders must have training in the detection of H₂S, measures for protection against the gas, equipment used for protection and emergency response. Additionally, responders must be equipped with H₂S monitors and air packs in order to control the release. Use the “buddy system” to ensure no injuries during the response.

Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO₂). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

Characteristics of H₂S and SO₂

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H ₂ S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO ₂	2.21 Air = 1	2 ppm	N/A	1000 ppm

Contacting Authorities

YPC personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. YPC Company response must be in coordination with the State of New Mexico’s ‘Hazardous Materials Emergency Response Plan’ (HMER)

Yates Petroleum Corporation Phone Numbers

YPC Office	(575) 748-1471
Pinson Mc Whorter/Operations Manager	(575) 748-4189
Wade Bennett/Prod Superintendent	(575) 748-4236
LeeRoy Richards/Assistant Prod Superintendent	(575) 748-4228
Mike Larkin/Drilling	(575) 748-4222
Paul Hanes/Prod. Foreman/Roswell	(575) 624-2805
Tim Bussell/Drilling Superintendent	(575) 748-4221
Artesia Answering Service	(575) 748-4302
(During non-office hours)	

Agency Call List

Eddy County (575)

Artesia

State Police	746-2703
City Police.....	746-2703
Sheriff's Office	746-9888
Ambulance.....	911
Fire Department	746-2701
LEPC (Local Emergency Planning Committee)	746-2122
NMOCD.....	748-1283

Carlsbad

State Police	885-3137
City Police.....	885-2111
Sheriff's Office	887-7551
Ambulance.....	911
Fire Department	885-2111
LEPC (Local Emergency Planning Committee).....	887-3798
US Bureau of Land Management.....	887-6544
New Mexico Emergency Response Commission (Santa Fe)	(505) 476-9600
24 HR	(505) 827-9126
New Mexico State Emergency Operations Center.....	(505) 476-9635
National Emergency Response Center (Washington, DC)	...(800) 424-8802

Other

Boots & Coots IWC	1-800-256-9688 or (281) 931-8884
Cudd Pressure Control.....	(915) 699-0139 or (915) 563-3356
Halliburton	(575) 746-2757
B. J. Services.....	(575) 746-3569
Flight For Life -4000 24th St, Lubbock, TX	(806) 743-9911
Aerocare -Rr 3 Box 49f, Lubbock, TX	(806) 747-8923
Med Flight Air Amb 2301 Yale Blvd SE #D3, Albuq, NM	(505) 842-4433
S B Air Med Svc 2505 Clark Carr Loop SE, Albuq, NM	(505) 842-4949

Yates Petroleum Corporation

Hydrogen Sulfide Drilling Operation Plan

I. HYDROGEN SULFIDE TRAINING

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

1. The hazards and characteristics of hydrogen sulfide (H₂S).
2. The proper use and maintenance of personal protective equipment and life support systems.
3. The proper use of H₂S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
4. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

1. The effects of H₂S on metal components. If high tensile tubular are to be used, personnel will be trained in their special maintenance requirements.
2. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
3. The contents and requirements of the H₂S Drilling Operations Plan and H₂S Contingency Plan.

There will be an initial training session just prior to encountering a known or probable H₂S zone (within 3 days or 500 feet) and weekly H₂S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H₂S Drilling Operation Plan and the H₂S Contingency Plan. **The location of this well does not require a Public Protection Plan.**

II. H2S SAFETY EQUIPMENT AND SYSTEMS

NOTE: All H2S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H2S.

1. Well Control Equipment:

- A. Flare line
- B. Choke manifold
- C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit
- D. Auxiliary equipment may include if applicable: annular preventer & rotating head.

2. Protective equipment for essential personnel:

- A. Mark II Survive Air (or equivalent) 30-minute units located in the doghouse and at briefing areas, as indicated on well site diagram.

3. H2S detection and monitoring equipment:

- A. 3 portable H2S monitors positioned at: Shale Shaker, Bell Nipple, and Rig Floor. These units have warning lights and audible sirens when H2S levels of 10 PPM are reached.

4. Visual warning systems:

- A. Wind direction indicators as shown on well site diagram (attached).
- B. Caution/Danger signs (attached) shall be posted on roads providing direct access to location. Signs will be painted with high visibility yellow with black lettering of a sufficient size to be readable at a reasonable distance from the immediate location. Bilingual signs will be used, when appropriate. See example attached.

5. Mud program:

- A. The mud program has been designed to minimize the volume of H2S circulated to the surface. Proper mud weight, safe drilling practices and the use of H2S scavengers will minimize hazards when penetrating H2S bearing zones.

6. Metallurgy:

- A. All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H2S service.
- B. All elastomers used for packing and seals shall be H2S trim.

7. Communication:

- A. Cellular communications in company vehicles.
- B. Land line (telephone) communication at the Office.

8. Well testing:

- A. There will be no drill stem testing.

EXHIBIT

DANGER

POISONS GAS

HYDROGEN SULFIDE

 **NORMAL OPERATIONS**
(GREEN)

CAUTION POTENTIAL DANGER
(YELLOW)

 **DANGER POISONS GAS ENCOUNTERED**
(RED) **AUTHORIZED PERSONAL ONLY.**
LOCATION SECURED.

1-575-746-1096

1-877-879-8899

EDDY COUNTY EMERGENCY NUMBERS

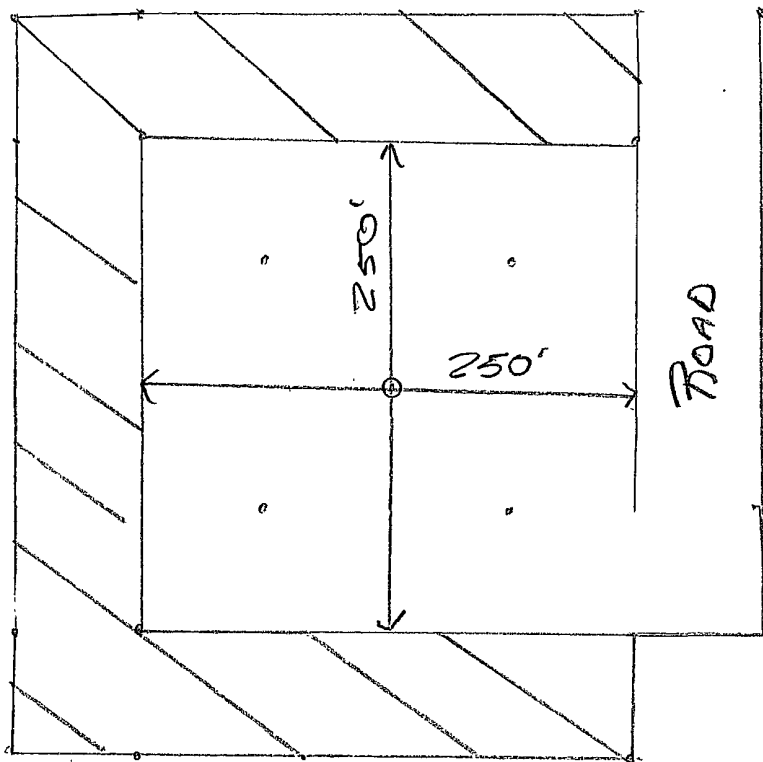
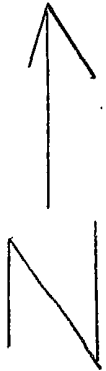
ARTESIA FIRE DEPT. 575-746-5050
ARTESIA POLICE DEPT. 575-746-5000
EDDY CO. SHERIFF DEPT. 575-746-9888

LEA COUNTY EMERGENCY NUMBERS

HOBBS FIRE DEPT. 575-397-9308
HOBBS POLICE DEPT. 575-397-9285
LEA CO. SHERIFF DEPT. 575-396-1196

YATES PETROLEUM CORPORATION
Juniper BIP Federal Com. #12H

RECAIMATION PLAT

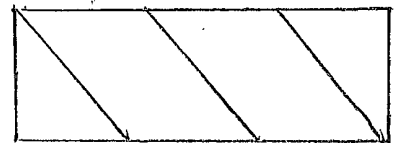


Not To Scale

Please Note:

Top Soil

Final Reclamation
may be different
from this Plat.



Possible Reclaimed
Area

PECOS DISTRICT CONDITIONS OF APPROVAL

OPERATOR'S NAME:	YATES PETROLEUM CORPORTATION
LEASE NO.:	NM99034
WELL NAME & NO.:	12H JUNIPER BIP FEDERAL
SURFACE HOLE FOOTAGE:	1296' FNL & 587' FEL
BOTTOM HOLE FOOTAGE:	1650' FNL & 330' FEL (Sec. 9)
LOCATION:	Section 8, T.24 S., R.29 E., NMPM
COUNTY:	Eddy County, New Mexico

TABLE OF CONTENTS

Standard Conditions of Approval (COA) apply to this APD. If any deviations to these standards exist or special COAs are required, the section with the deviation or requirement will be checked below.

- ☐ **General Provisions**
- ☐ **Permit Expiration**
- ☐ **Archaeology, Paleontology, and Historical Sites**
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- ☐ **Construction**
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 - Topsoil
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 - Medium cave/karst
 - Waste Material and Fluids
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 - Well Structures & Facilities
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- ☐ **Interim Reclamation**
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