District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144 CLEZ
July 21, 2008

**For closed-loop systems *that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure*,** submit to the appropriate NMOCD District Office.

# Closed-Loop System Permit or Closure Plan Application

*(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)*

Type of action: ☒ Permit ☐ Closure

***Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.***

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances

1.

Operator: Yates Petroleum Corporation OGRID #: 025575

Address: 105 South 4th Street, Artesia, NM 88210

Facility or well name: Dowell MV #4H

API Number: 30-015-40439 OCD Permit Number: 213182

U/L or Qtr/Qtr B Section 33 Township 18S Range 26E County: Eddy

Center of Proposed Design: Latitude N. 32.710833 Longitude W. 104.384627 NAD: ☒1927 ☐ 1983

Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.

☒ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC

Operation: ☒ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) ☐ P&A

☐ Above Ground Steel Tanks or ☒ Haul-off Bins

3

**Signs:** Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☒ Signed in compliance with 19.15 3.103 NMAC

RECEIVED
JUL 10 2012
NMOCD ARTESIA

4.

**Closed-loop Systems Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC

***Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.***

☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC

☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC

☒ Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____

☐ Previously Approved Operating and Maintenance Plan API Number: _____

5.

**Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:** (19.15.17.13.D NMAC)

***Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.***

Disposal Facility Name: Gandy Marley Disposal Facility Permit Number: NM-01-0019

Disposal Facility Name: Lea Land Farm Disposal Facility Permit Number: WM-1-035

Disposal Facility Name: CRI Disposal Facility Permit Number: R-9166

Disposal Facility Name: Sundance Services Inc. Disposal Facility Permit Number: NM-01-0003

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please provide the information below) ☒ No

*Required for impacted areas which will not be used for future service and operations:*

☐ Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC

☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

6.
**Operator Application Certification:**

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): Cy Cowan Title: Land Regulatory Agent

Signature: Date: 7/3/12

e-mail address: cy@yatespetroleum.com Telephone: 575-748-4372

7.
**OCD Approval:** ☒ Permit Application (including closure plan) ☐ Closure Plan (only)

**OCD Representative Signature:** **Approval Date:** 2/11/12

**Title:** **OCD Permit Number:** 213182

8
**Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC

***Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.***

☐ **Closure Completion Date:**

9
**Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**

***Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.***

Disposal Facility Name: Disposal Facility Permit Number:

Disposal Facility Name. Disposal Facility Permit Number:

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

*Required for impacted areas which will not be used for future service and operations:*

☐ Site Reclamation (Photo Documentation)
☐ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique

10.
**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print) Title:

Signature: Date:

e-mail address: Telephone:

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

# OIL CONSERVATION DIVISION

*1220 South St. Francis Dr.*
*Santa Fe, New Mexico 87505*

Form C-102
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code | Pool Name |
|---|---|---|
| 30-015-40439 | | Atoka, Glorieta-Yeso |

| Property Code | Property Name | Well Number |
|---|---|---|
| | DOWELL MV | 4H |

| OGRID No. | Operator Name | Elevation |
|---|---|---|
| 025575 | YATES PETROLEUM CORP. | 3377' |

### Surface Location

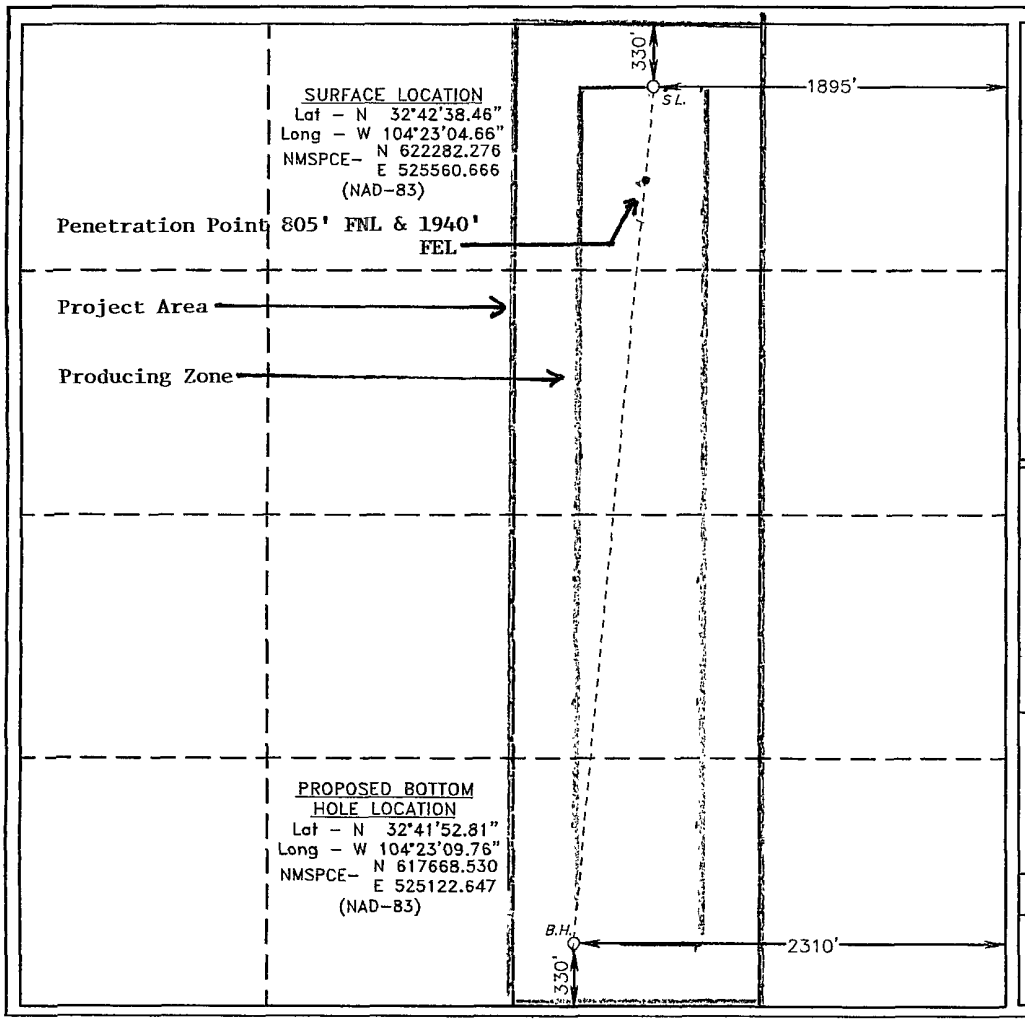
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---|---|---|---|---|---|---|---|---|
| B | 33 | 18 S | 26 E | | 330 | NORTH | 1895 | EAST | EDDY |

### 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 |
|---|---|---|---|---|---|---|---|---|---|
| O | 33 | 18 S | 26 E | | 330 | SOUTH | 2310 | EAST | EDDY |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|---|---|---|---|
| 160 W2E2 | | | |

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




### OPERATOR CERTIFICATION

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

Signature Date 7/3/12

Cy Cowan
Printed Name

cy@yatespetroleum.com
Email Address

### 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 supervison, and that the same is true and correct to the best of my belief.*

Date Surveyed

Signature & Seal of Professional Surveyor

NEW MEXICO 7977 REGISTERED PROFESSIONAL SURVEYOR

W.O. Num. 26613

Certificate No. Gary L. Jones 7977

BASIN SURVEYS 26613

# Yates Petroleum Corporation

105 S. Fourth Street
Artesia, NM 88210

# Hydrogen Sulfide ($H_2S$) Contingency Plan

## For

## Dowell MV #4H

330' FNL and 1895' FEL
Section 33, T-18-S, R-26-E
Eddy County, NM

**Emergency Procedures**

In the case of a release of gas containing $H_2S$, 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 $H_2S$, measures for protection against the gas, equipment used for protection and emergency response. Additionally, responders must be equipped with $H_2S$ 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 ($SO_2$). 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 $H_2S$ and $SO_2$**

| Common Name | Chemical Formula | Specific Gravity | Threshold Limit | Hazardous Limit | Lethal Concentr-ation |
|---|---|---|---|---|---|
| Hydrogen Sulfide | $H_2S$ | 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 McWhorter/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 well 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)**

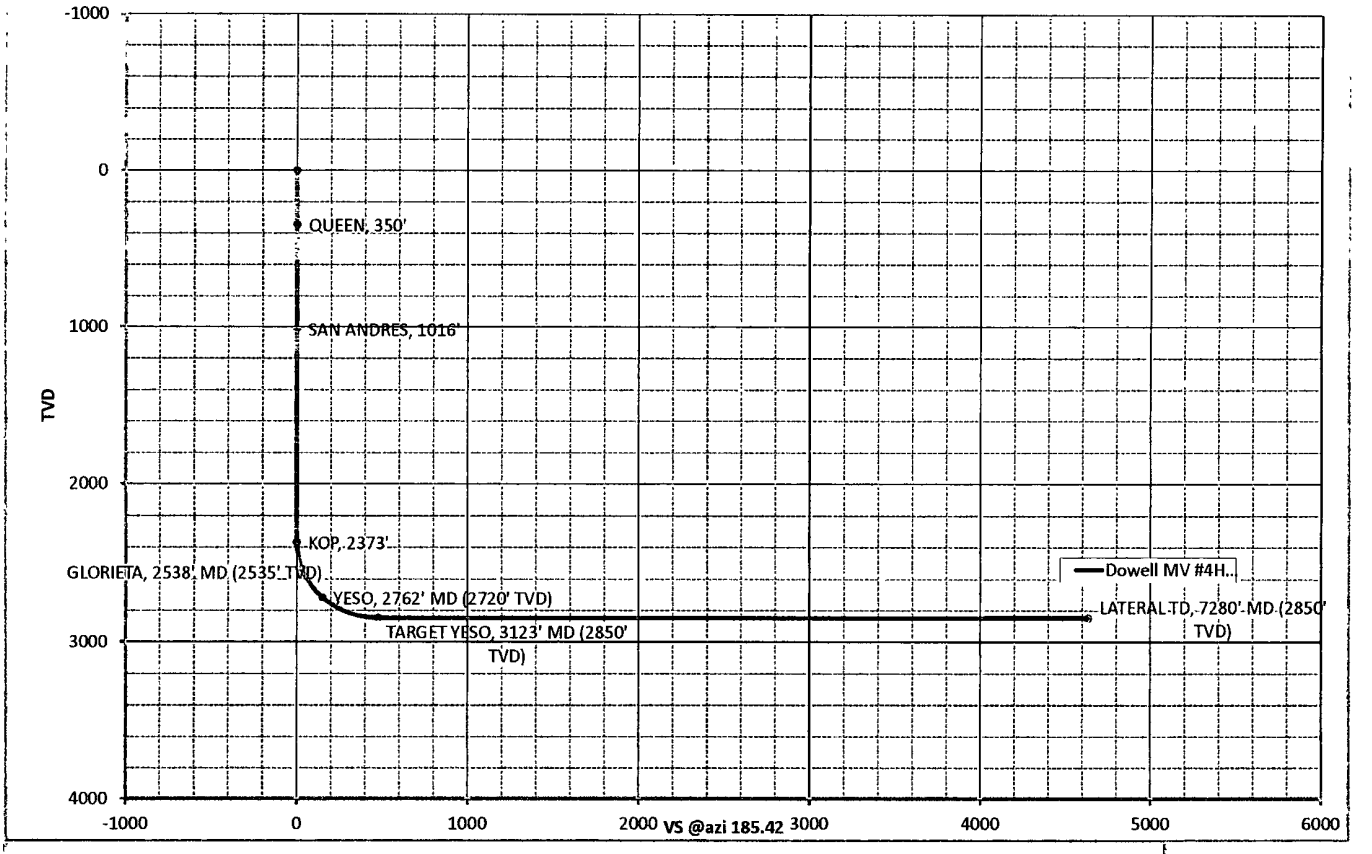
**DANGER POISONS GAS ENCOUNTERED**
**(RED) AUTHORIZED PERSONAL ONLY.**
**LOCATION SECURED.**

**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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TVD
QUEEN, 350'
SAN ANDRES, 1016'
KOP, 2373'
GLORIETA, 2538' MD (2535' TVD)
YESO, 2762' MD (2720' TVD)
TARGET YESO, 3123' MD (2850' TVD)
LATERAL TD, 7280' MD (2850' TVD)
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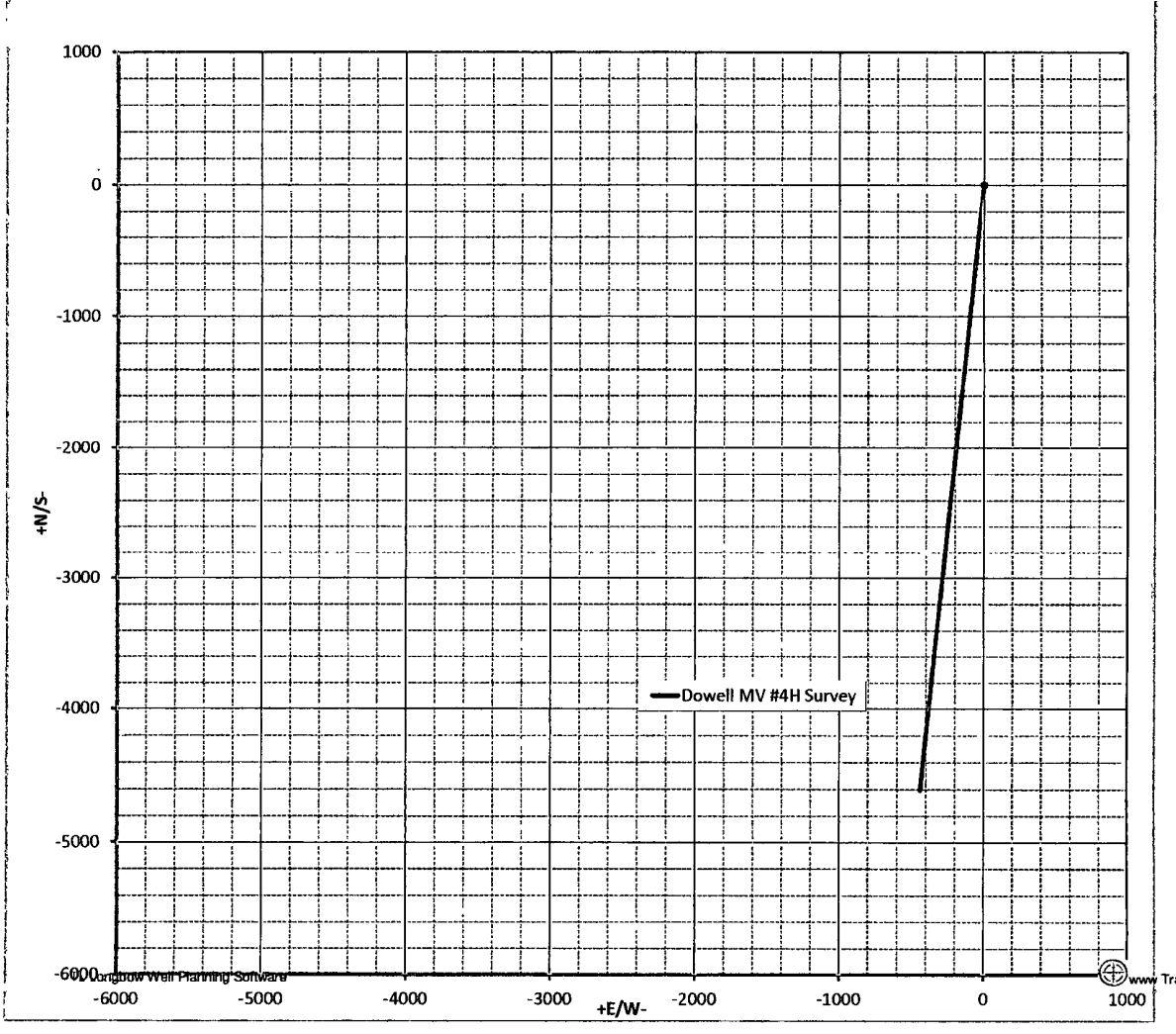
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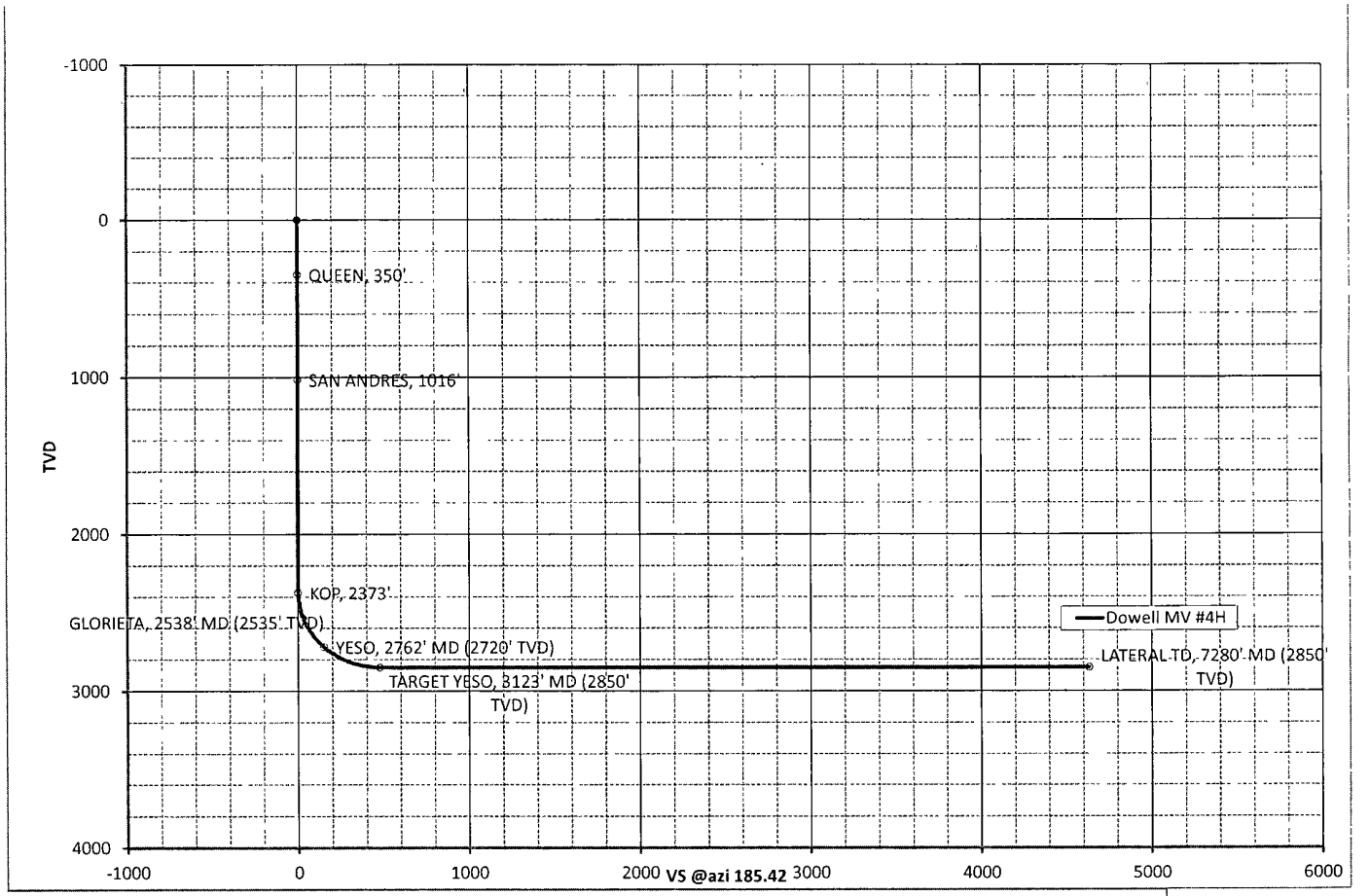
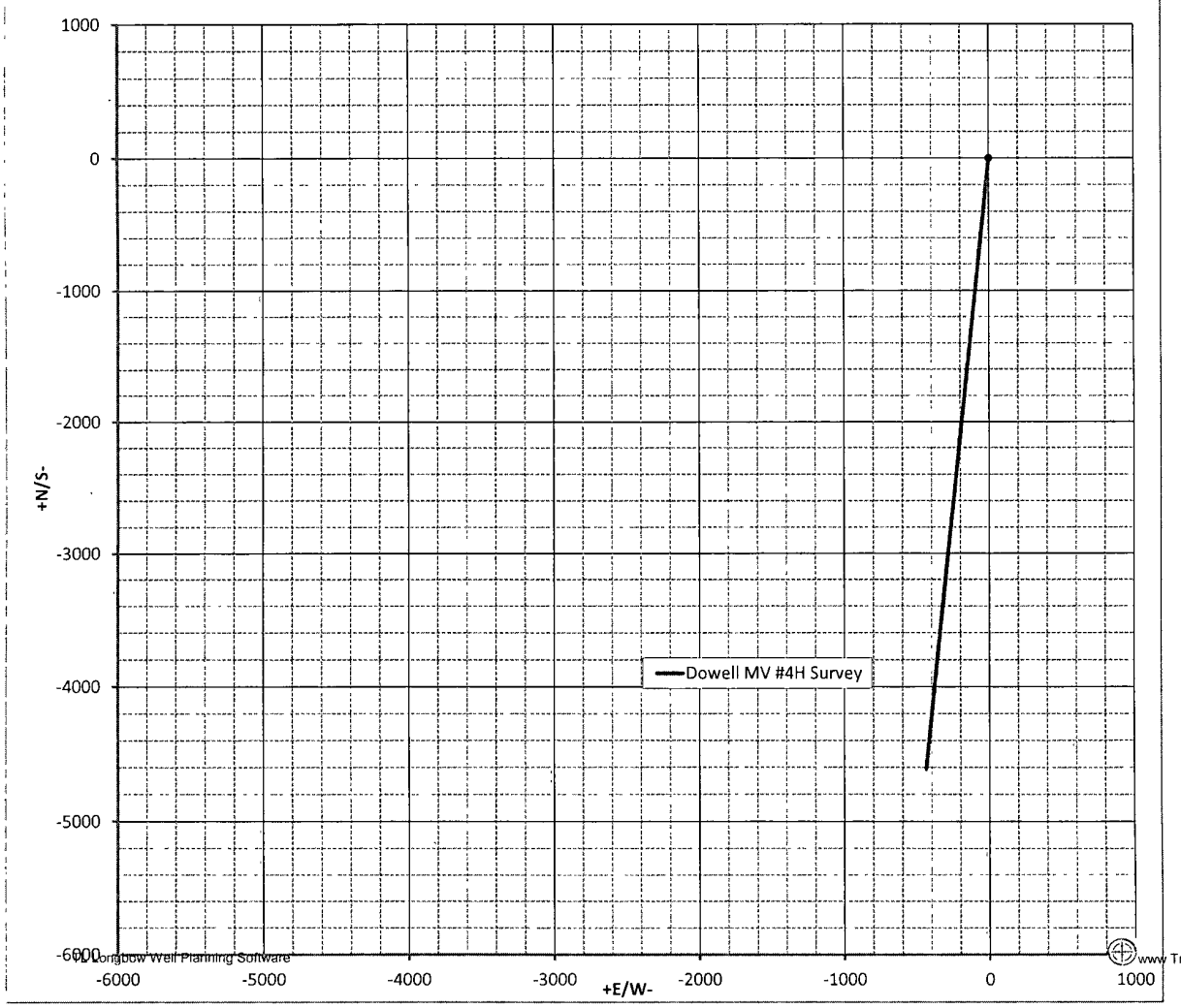
Longbow Well Planning Software
www.TrantLogistics.com



Operator Co.

Your Co.

## Survey/Planning Report

| | | | | | |
|---|---|---|---|---|---|
| **Operator** | **Yates Petroleum Corp.** | **Northing** | | **Date** | 12-Jun-12 |
| **Dir. Co.** | **Yates Petroleum Corp.** | **Easting** | | **System** | 2 - St. Plane |
| **Well Name** | **Dowell MV #4H Survey** | **Elevation** | | **Datum** | 1983 - NAD83 |
| **Location** | Sec. 33, 18S-26E | **Latitude** | | **Zone** | 4302 - Utah Central |
| **Rig** | | **Longitude** | | **Scale Fac.** | |
| **Job** | | **Units** | Feet | **Converg.** | |

| MD | INC | AZI | TVD | +N/S- | +E/W- | VS@185.42° | BR | TR | DLS |
|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 350.00 | 0.00 | 360.00 | 350.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 350: QUEEN, 350' | | | | | | | | | |
| 1016.00 | 0.00 | 360.00 | 1016.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1016: SAN ANDRES, 1016' | | | | | | | | | |
| 2372.54 | 0.00 | 185.42 | 2372.54 | 0.00 | 0.00 | 0.00 | 0.00 | 7.82 | 0.00 |
| 2372.54: KOP, 2373' | | | | | | | | | |
| 2400.00 | 3.30 | 185.42 | 2399.98 | -0.78 | -0.07 | 0.79 | 12.00 | 0.00 | 12.00 |
| 2500.00 | 15.30 | 185.42 | 2498.49 | -16.84 | -1.60 | 16.91 | 12.00 | 0.00 | 12.00 |
| 2538.30 | 19.89 | 185.42 | 2534.99 | -28.36 | -2.69 | 28.49 | 12.00 | 0.00 | 12.00 |
| 2538.3: GLORIETA, 2538' MD (2535' TVD) | | | | | | | | | |
| 2600.00 | 27.29 | 185.42 | 2591.49 | -52.93 | -5.02 | 53.16 | 11.99 | 0.00 | 11.99 |
| 2700.00 | 39.28 | 185.42 | 2674.93 | -107.47 | -10.20 | 107.95 | 11.99 | 0.00 | 11.99 |
| 2761.81 | 46.70 | 185.42 | 2720.11 | -149.40 | -14.18 | 150.07 | 11.99 | 0.00 | 11.99 |
| 2761.81: YESO, 2762' MD (2720' TVD) | | | | | | | | | |
| 2800.00 | 51.28 | 185.42 | 2745.17 | -178.08 | -16.91 | 178.88 | 12.00 | 0.00 | 12.00 |
| 2900.00 | 63.29 | 185.42 | 2799.12 | -261.68 | -24.84 | 262.86 | 12.00 | 0.00 | 12.00 |
| 3000.00 | 75.29 | 185.42 | 2834.42 | -354.63 | -33.67 | 356.22 | 12.00 | 0.00 | 12.00 |
| 3122.53 | 90.00 | 185.42 | 2850.00 | -475.32 | -45.13 | 477.46 | 12.00 | 0.00 | 12.00 |
| 3122.53: TARGET YESO, 3123' MD (2850' TVD) | | | | | | | | | |
| 7279.57 | 90.00 | 185.42 | 2850.01 | -4613.75 | -438.02 | 4634.49 | 0.00 | 0.00 | 0.00 |
| 7279.57: LATERAL TD, 7280' MD (2850' TVD) | | | | | | | | | |

Operator Co.

Your Co.

## Survey/Planning Report

| | | | | | |
|---|---|---|---|---|---|
| Operator | Yates Petroleum Corp. | Northing | | Date | 12-Jun-12 |
| Dir. Co. | Yates Petroleum Corp. | Easting | | System | 2 - St. Plane |
| Well Name | Dowell MV #4H Survey | Elevation | | Datum | 1983 - NAD83 |
| Location | Sec. 33, 18S-26E | Latitude | | Zone | 4302 - Utah Central |
| Rig | | Longitude | | Scale Fac. | |
| Job | | Units | Feet | Converg. | |

| MD | INC | AZI | TVD | +N/S- | +E/W- | VS@185.42° | BR | TR | DLS |
|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 350.00 | 0.00 | 360.00 | 350.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 350: QUEEN, 350' | | | | | | | | | |
| 1016.00 | 0.00 | 360.00 | 1016.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1016: SAN ANDRES, 1016' | | | | | | | | | |
| 2372.54 | 0.00 | 185.42 | 2372.54 | 0.00 | 0.00 | 0.00 | 0.00 | 7.82 | 0.00 |
| 2372.54: KOP, 2373' | | | | | | | | | |
| 2400.00 | 3.30 | 185.42 | 2399.98 | -0.78 | -0.07 | 0.79 | 12.00 | 0.00 | 12.00 |
| 2500.00 | 15.30 | 185.42 | 2498.49 | -16.84 | -1.60 | 16.91 | 12.00 | 0.00 | 12.00 |
| 2538.30 | 19.89 | 185.42 | 2534.99 | -28.36 | -2.69 | 28.49 | 12.00 | 0.00 | 12.00 |
| 2538.3: GLORIETA, 2538' MD (2535' TVD) | | | | | | | | | |
| 2600.00 | 27.29 | 185.42 | 2591.49 | -52.93 | -5.02 | 53.16 | 11.99 | 0.00 | 11.99 |
| 2700.00 | 39.28 | 185.42 | 2674.93 | -107.47 | -10.20 | 107.95 | 11.99 | 0.00 | 11.99 |
| 2761.81 | 46.70 | 185.42 | 2720.11 | -149.40 | -14.18 | 150.07 | 11.99 | 0.00 | 11.99 |
| 2761.81: YESO, 2762' MD (2720' TVD) | | | | | | | | | |
| 2800.00 | 51.28 | 185.42 | 2745.17 | -178.08 | -16.91 | 178.88 | 12.00 | 0.00 | 12.00 |
| 2900.00 | 63.29 | 185.42 | 2799.12 | -261.68 | -24.84 | 262.86 | 12.00 | 0.00 | 12.00 |
| 3000.00 | 75.29 | 185.42 | 2834.42 | -354.63 | -33.67 | 356.22 | 12.00 | 0.00 | 12.00 |
| 3122.53 | 90.00 | 185.42 | 2850.00 | -475.32 | -45.13 | 477.46 | 12.00 | 0.00 | 12.00 |
| 3122.53: TARGET YESO, 3123' MD (2850' TVD) | | | | | | | | | |
| 7279.57 | 90.00 | 185.42 | 2850.01 | -4613.75 | -438.02 | 4634.49 | 0.00 | 0.00 | 0.00 |
| 7279.57: LATERAL TD, 7280' MD (2850' TVD) | | | | | | | | | |