

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

LM

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NM-103879-8 NM-121951
2 Name of Operator Yates Petroleum Corporation		6 If Indian, Allottee or Tribe Name RECEIVED MAR 12 2010 NMOCD ARTESIA
3a Address 105 South Fourth Street, Artesia, NM 88210	3b Phone No. (include area code) (505) 748-1471	7. If Unit or CA Agreement, Name and No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL and 300' FWL, Sec. 7-23S-29E, Surface Hole Location 660' FNL and 2310' FWL, Sec. 8-23S-29E, Bottom Hole Location		8 Well Name and No Culebra BLV Federal Com. #1H
		9 API Well No 30-015-37615
		10. Field and Pool, or Exploratory Area Undesignated Bone Spring
		11 Eddy County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change of
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Plans.

13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Yates Petroleum Corporation respectfully requests permission to change the bottom hole footages from 660' FNL and 330' FEL of Section 7-T23S-R29E to new footages of 660' FNL and 2310' FWL of Sec. 8-T23S-29E and a new TMD of 14635'. The dedicated acres will be the N2N2 Sec. 7 and N2NW4 of Sec. 8. The bottom hole is on lease NM-103879 and the bottom hole is on lease NM-121951. The name should be changed to Culebra "BLV" Federal Com. #1H. Stage 1 cement will change from 1325 sacks to 2755 sacks. New diagrams are included.
Thank you.

14 I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Clifton May	Title Land Regulatory Agent
Signature <i>Clifton May</i>	Date 3/3/10
THIS SPACE FOR FEDERAL OR STATE USE	
Approved by	Title
Date MAR 10 2010	
Office /s/ Chris Walls BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	

Title 18 U.S.C. Section 1001, 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.

MR

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, 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 Department

Form C-102
Revised October 12, 2005

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-37615	Pool Code	UNDESIGNATED BONE SPRING Pool Name Undesignated Bone Spring
Property Code	Property Name CULEBRA "BLV" FEDERAL	Well Number 1H
OGRID No. 25575	Operator Name YATES PETROLEUM CORP.	Elevation 2944'

Surface Location

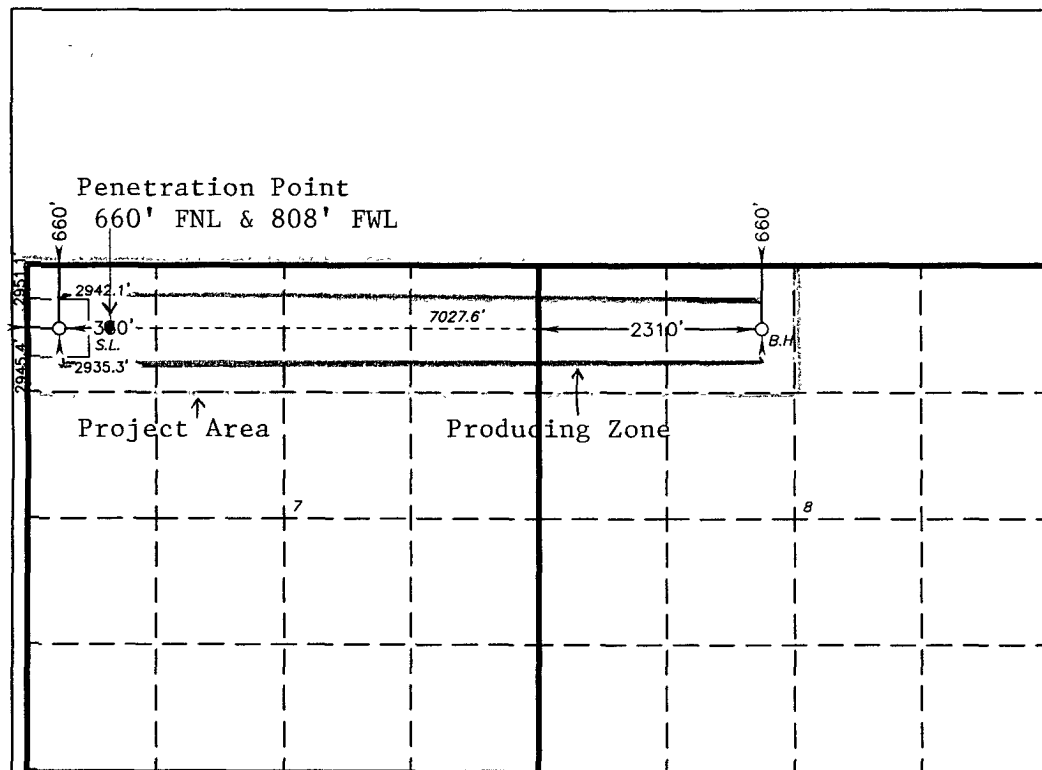
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	7	23 S	29 E		660	NORTH	330	WEST	EDDY

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
C	8	23 S	29 E		660	NORTH	2310	WEST	EDDY

Dedicated Acres 240 240	Joint or Infill	Consolidation Code	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



SURFACE LOCATION

Lat - N 32°19'32.35"
Long - W 104°01'51.34"
NMSPCE- N 482336.487
E 634746.806
(NAD-83)

PROPOSED BOTTOM
HOLE LOCATION

Lat - N 32°19'30.50"
Long - W 104°00'29.47"
NMSPCE- N 482169.908
E 641772.272
(NAD-83)

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 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.

Clifton May 3/3/10
Signature Date

Clifton May
Printed Name

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.

Date Surveyed
Signature of Professional Surveyor

Certificate No. Gary L. Jones 7977

Basin Surveys

Contingency Casing Design

If hole conditions dictate, 7" casing will be set at 6,950'. A 6 1/8" hole will then be drilled to 14,635' MD (7,580' TVD) where 4 1/2" casing will be set and cemented with one stage up to dv tool. After completion procedures, the 4 1/2" casing will be cut and pulled at 6750'

2nd Intermediate

0 ft to 100 ft		Make up Torque ft-lbs			Total ft = 100
O D	Weight	Grade	Threads	opt. min. mx.	
7 inches	26 #/ft	J-55	LT&C	3670 2750 4590	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield	Drift
4,320 psi	4,980 psi	367,000 #		415,000 #	6:151

100 ft to 5,800 ft		Make up Torque ft-lbs			Total ft = 5,700
O D	Weight	Grade	Threads	opt. min. mx.	
7 inches	23 #/ft	J-55	LT&C	3130 2350 3910	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield	Drift
3,270 psi	4,360 psi	313,000 #		366,000 #	6.25

5,800 ft to 6,950 ft		Make up Torque ft-lbs			Total ft = 1,150
O D	Weight	Grade	Threads	opt. min. mx.	
7 inches	26 #/ft	J-55	LT&C	3670 2750 4590	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield	Drift
4,320 psi	4,980 psi	367,000 #		415,000 #	6:151

DV tool placed at 4000'

Stage I. 6950'-4000 Cemented w/630sx PVL (YLD 1.41 Wt 13) TOC= 4000'

Stage II. 4000'-2100 Cemented w/175sx Lite Crete (YLD 2.66 Wt 9 9), tail w/100sx PVL (YLD 1.41 Wt 13) TOC= 2100'

Production

0 ft to 14,635 ft		Make up Torque ft-lbs			Total ft = 14,635
O D	Weight	Grade	Threads	opt. min. mx.	
4.5 inches	11.6 #/ft	HCP-110	LT&C	3020 2270 3780	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield	Drift
8,650 psi	10,690 psi	279,000 #		367,000 #	3.875

DV tool placed at approx. 6750' and cemented with one stage up to dv tool. After completion procedures, the 4 1/2" casing will be cut and pulled at 6750'.

Cemented w/1055sx PVL (YLD 1.41 Wt 13) TOC= 6750'

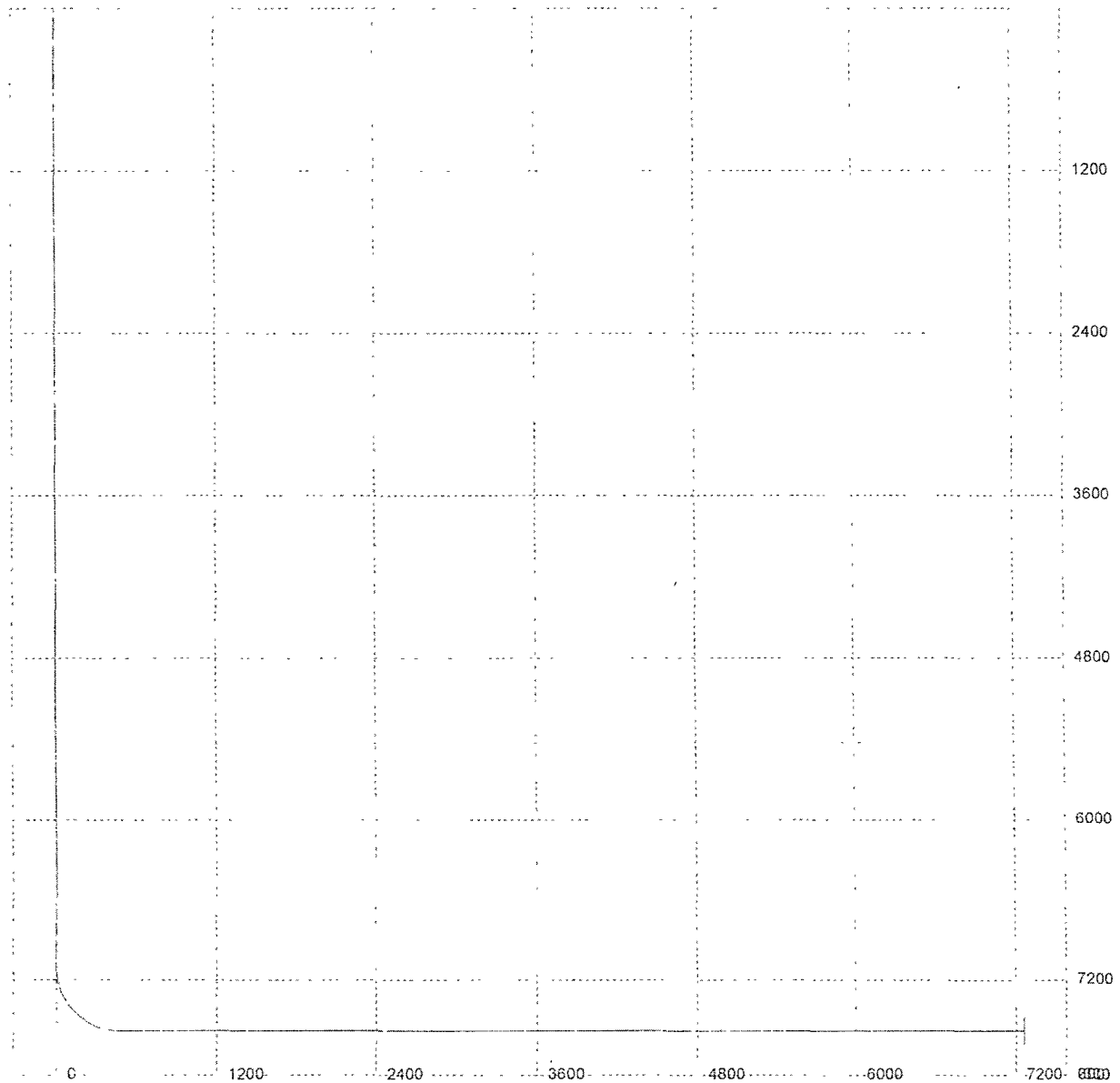
M/D	Inclination	Azimuth	T.V.D.	N/S	E/W	D.L.S.	ToolFace	T.F. Ref (HS/GN)	
0	0	0	0	0	0	0			
185	0	0	185	0	0	0			RUSTLER
300	0	0	300	0	0	0			TOP OF SALT
2,500	0	0	2,500	0	0	0			BASE OF SALT
2,780	0	0	2,780	0	0	0			BELL CANYON
3,600	0	0	3,600	0	0	0			CHERRY CANYON
4,830	0	0	4,830	0	0	0			BRUSHY CANYON
6,100	0	0	6,100	0	0	0			BRUSHY CANYON MKR
6,320	0	0	6,320	0	0	0			BONE SPRINGS
6,520	0	0	6,520	0	0	0			AVALON SAND
7103	0	0	7103	0	0	12	90	GN	KOP
7125	2 64	90	7124 99	0	0 51	12	0	HS	
7150	5 64	90	7149 92	0	2 31	12	0	HS	
7175	8 64	90	7174 73	0	5 42	12	0	HS	
7200	11 64	90	7199 33	0	9 82	12	0	HS	
7225	14 64	90	7223 68	0	15 5	12	0	HS	
7250	17 64	90	7247 69	0	22 45	12	0	HS	
7275	20 64	90	7271 3	0	30 65	12	0	HS	
7300	23 64	90	7294 46	0	40 07	12	0	HS	
7325	26 64	90	7317 09	0	50 69	12	0	HS	
7350	29 64	90	7339 13	0	62 48	12	0	HS	
7375	32 64	90	7360 52	0	75 4	12	0	HS	
7400	35 64	90	7381 21	0	89 43	12	0	HS	
7425	38 64	90	7401 14	0	104 53	12	0	HS	
7450	41 64	90	7420 25	0	120 64	12	0	HS	
7475	44 64	90	7438 49	0	137 73	12	0	HS	
7492	46 68	90	7450 37	0	149 89	12	0	HS	FIRST BONE SPRINGS
7500	47 64	90	7455 81	0	155 76	12	0	HS	
7525	50 64	90	7472 16	0	174 66	12	0	HS	
7550	53 64	90	7487 51	0	194 4	12	0	HS	
7575	56 64	90	7501 79	0	214 91	12	0	HS	
7600	59 64	90	7514 99	0	236 14	12	0	HS	
7625	62 64	90	7527 05	0	258 03	12	0	HS	
7650	65 64	90	7537 96	0	280 53	12	0	HS	
7675	68 64	90	7547 67	0	303 56	12	0	HS	
7700	71 64	90	7556 16	0	327 07	12	0	HS	
7725	74 64	90	7563 41	0	350 99	12	0	HS	
7750	77 64	90	7569 4	0	375 26	12	0	HS	
7775	80 64	90	7574 11	0	399 81	12	0	HS	
7800	83 64	90	7577 53	0	424 58	12	0	HS	
7825	86 64	90	7579 64	0	449 48	12	0	HS	
7850	89 64	90	7580 45	0	474 47	12	0	HS	
7853.06	90.01	90	7580.46	0	477.52	0			TARGET ZONE
14635.53	90	90	7580	0	7260	0			LATERAL TD

Pilot hole drilled vertically to 7850'. Well will be plugged back with 400' kick off plug at approx. 7000'-7400' and kicked off at approx 7103' and directionally drilled at 12 degrees per 100' with a 7 7/8" hole to 14,635' MD (7,580' TVD) If hole conditions dictate, 7" casing will be set at 7000' (after kick off plug is set) and cemented to surface. A 6 1/8" hole will then be drilled to 14,635' MD (7,580' TVD) where 4 1/2" casing will be set and cemented. Penetration point encountered at 660' FNL and 808' FWL, 7-23S-29E. Deepest TVD in the well is 7850' in the pilot hole. Deepest TVD in the lateral will be 7580'. An isolation plug on the bottom of the pilot hole is not warranted on this well due to the fact that there will be no change in formation between the kick off plug and the bottom of the pilot hole.

3D³ Directional Drilling Planner - 3D View

Company: Yates Petroleum Corporation

Well: Culebra BLV Federal #1H



3D^s Directional Drilling Planner - 3D View

Company: Yates Petroleum Corporation

Well: Culebra BLV Federal #1H

