UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

om: Unit O (SWSE), 700' FSL, 2000 itude 36° 31.5868'N gitude 107° 19.6722'W ance in Miles from Nearest Town	NMNM~0784048-my NMNM~67840 6. If Indian, All. or Tribe 7. Unit Agreement Name San Juan 27-5 Unit 8. Farm or Lease Name 9. Well Number #144P 10. Field, Pool, Wildcat 2370' FWL Blanco Mesaverde/ Basin Dakota
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gitude 107° 19.6722'W ance in Miles from Nearest Town	N Sec. 35, T27N, R5W API# 30-039-299//
ance in Miles from Nearest Town	
	12 County 13 State
miles to Gobernador, NM	Rio Arriba NM
ance from Proposed Location to Nearest Prop	perty or Lease Line
es in Lease	17. Acres Assigned to Well MV 304.54 E2/ DK 320 S2
ance from Proposed Location to Nearest Well	, Drlg, Compl, or Applied for on this Lease
posed Depth	20. Rotary or Cable Tools Rotary
ations (DF, FT, GR, Etc.) 1′GL	22. Approx. Date Work will Start
posed Casing and Cementing Program ee Operations Plan attached	dun anns
norized by: Manda Sandau Regulatory Analyst	5-12-06 Date
	APPROYAL DATE
BY Mankee Ca TITLE	AFM DATE 6/6/66
	ance from Proposed Location to Nearest Well '- San Juan 27-5 Unit #144 bosed Depth 3' ations (DF, FT, GR, Etc.) 1'GL bosed Casing and Cementing Program ee Operations Plan attached porized by: Regulatory Analyst

CHECKING SAUTHORIZED ARE ELECTRIC STAPLATICE WITH ATTACHED TUENERAL REQUIREMENTS.

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

This action is subject to technical and the burst ray aw oursuant to 43 OF**H 3165.9** the periodiseart to 43 OFR **3165.4**

NMCCD

District I PO Box 1980, Hobbs, NM 88241-1980

District II PO Drawer OD, Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico Energy, Minerals & Natural Resources Department

Form C~102 Revised February 21, 1994 Instructions on back

Submit to Appropriate District Office

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

State Lease - 4 Copies Fee Lease - 3 Copies

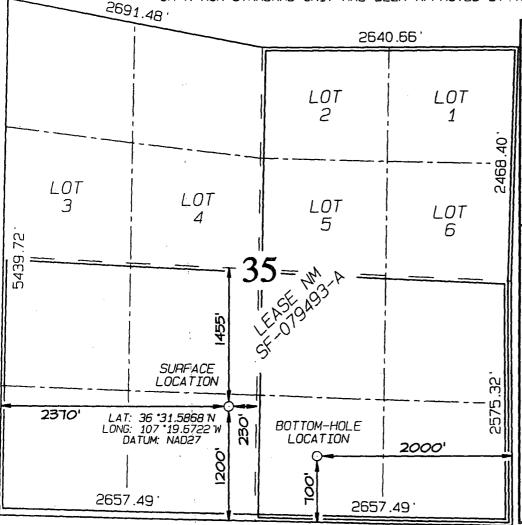
District IV PO Box 2088, Santa Fe, NM 87504-2088 2008 MAY 12 AM STYTAMENDED REPORT

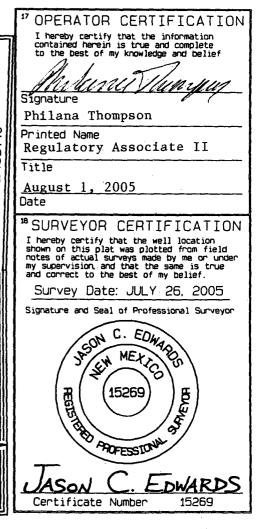
WELL LOCATION AND ACREAGE DEDIGATION PLAT

'API Number	*Pool Code	'Pool Name		
30-039 - 29911 MV-72319 DK-71599		Blanco Mesaverde/ Basin Dakota		
'Property Code	Pro	*Property Name SAN JUAN 27-5 UNIT		
7454				
'OGRID No.		*Operator Name		
14538	BURLINGTON RESOURCE	ES DIL & GAS COMPANY, LP	6641	

¹⁰ Surface Location UL or lot no. Feet from the North/South line Lot Idn Feet from the East/West line RIO 2370 N 35 27N **5W** 1200 SOUTH WEST ARRIBA 11 Bottom Hole Location Different From Surface UL or lot no. Sect ion Township Feet from the North/South line eet from the East/West line RIO 0 700 SOUTH 2000 35 27N 5W EAST ARRIBA 12 Dedicated Acres Doint or Infill 14 Consolidation Code ¹⁵ Order Na. MV-304.54 E2 DK-320 S2

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



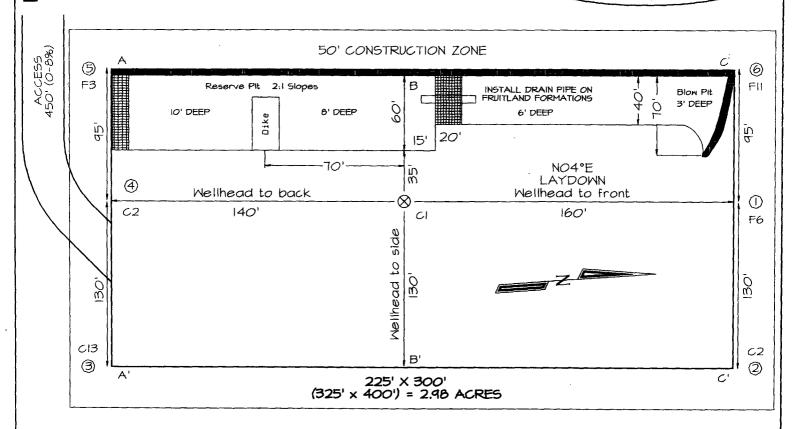


Submit 3 Copies To Appropriate District	State of No	ew Mexico		Form C-103
Office District I	Energy, Minerals an	d Natural Resources		May 27, 2004
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.	10911
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVA	TION DIVISION	5. Indicate Type of Lease	039- 27 1
District III			STATE STATE	FEE 🗍
1000 Rio Brazos Rd., Aztec, NM 87410		NM 87505	6. State Oil & Gas Lease N	lo.
District IV	•	1111 07505		
1220 S. St. Francis Dr., Santa Fe, NM 87:			NMSF-0	
SUNDRY NOTIFICATION OF USE THIS FORM FOR PROPOSAL	CES AND REPORTS ON WEI S TO DRILL OR TO DEEPEN OR PL		7. Lease Name or Unit Agre	eement Name
DIFFERENT RESERVOIR. USE "APPLICAT			San Juan	27-5 Unit
PROPOSALS.)				
1. Type of Well:	Oth		8. Well Number	4 D
Oil Well Gas Well X 2. Name of Operator	Other		9. OGRID Number	ir
	OURCES OIL & GAS COMP	ANY LP	9. OGRID Number	338
3. Address of Operator			10. Pool name or Wildcat	
	REET, FARMINGTON, NM 8	37402	Basin Dakota/Bl	anco Mesaverde
4. Well Location Unit Letter N :	1200 feet from the	South line and		West line
Section 35		7N Range 5W	NMPM Cou	
	. Elevation (Show whether DR,			
	, , , , , , , , , , , , , , , , , , , 	641' GR		
	X or Closure			1200
Pit type New Drill Depth to Ground		nearest fresh water well	>1000' Distance from near	est surface water 41000'
Pit Liner Thickness: na	mil Below-Grade Tan	k: Volume	bbls; Construction Mate	rial
	Appropriate Box to Ind NTENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL	REMEDIAL	SUBSEQUENT REP	
OTHER: New	Drill Pit	X OTHER:		П
13. Describe proposed or comple		all pertinent details, and g		
New Drill, Unlined: Burlington Resources proposes to the Ecosphere's risk ranking crit Drilling / Workover Pit Construction vent/flare pit will be designed to anticipates closing these pits according.	eria, the new drilling pit and tion / Operation Procedures manage fluids, and that porti	vent/flare pit will be an dated November 11, 200 ion will be unlined, as po	unlined pit as detailed in F 04 on file at the NMOCD of er the risk ranking criteria.	Burlington's Revised fice. A portion of the Burlington Resources
I hereby certify that the information at grade tank has been/will be constructed or clessification. SIGNATURE Type or print name For State Use Only	osed according to NMOCD guideline	TITLE Regul	or an (attached) alternative OCI atory Associate II Obr-inc.com Telephone No	D-approved plan DATE 9/28/2005 0. 505-326-9530
APPPROVED BY Branchon Conditions of Approval (if any):	. Vamell	TITLE CEPUIT CIL & G	ias inspector, dist. B	DATE JUN 0 7 2006

BURLINGTON RESOURCES OIL & GAS COMPANY, LP SAN JUAN 27-5 UNIT #144P, 1200' FSL & 2370' FWL SECTION 35, T27N, R5W, NMPM, RIO ARRIBA COUNTY, NM GROUND BLEVATION: 6641' DATE: JULY 26, 2005

LATITUDE: 36°31'35"
LONGITUDE: 107°19'40"

DATUM: NAD1927



Note: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least two (2) working days prior to construction

SAN JUAN 27-5 UNIT 144P OPERATIONS PLAN

Well Name:

SAN JUAN 27-5 UNIT 144P

Objective:

Blanco Mesa Verde/Basin Dakota

Location:

Rio Arriba NM

Elevation:

6641'

Bottom Hole Coordinates/Footages

Surface Coordinates/Footages

T - 27 N R - 5 W 1200' FSL

Sec.: 35

2370' FWL

Longitute: 107° 19.6722' W

Latitude: 36° 31.5868' N

T-27N R-5W Sec.: 35

700' FSL

2000' FWL

Latitude: 36° 31.4830' N

Longitute: 107° 19.5136' W

<u>Formation</u>	Top (TMD)	Top (TVD)	Contents
Surface	San Jose	San Jose	
Ojo Alamo	2934'	2800'	aquifer
Kirtland	3121'	2965'	gas
Fruitland	3264'	3100'	gas
Pictured Cliffs	3566'	3395'	gas
Lewis	3722'	3551'	gas
Huerfanito Bentonite	4022'	3850'	gas
Chacra	4510'	4338'	gas
Upper Cliff House	5102'	4930'	gas
Massive Cliff House	5197'	5025'	gas
Menefee	5312'	5140'	gas
Massive Point Lookout	5692'	5520'	gas
Mancos Shale	6102'	5930'	gas
Upper Gallup	6877'	6705'	gas
Greenhorn	7665'	7493'	gas
Graneros	7725'	7553'	gas
Two Wells	7749'	7577'	gas
Upper Cubero	7892'	7720'	gas
Lower Cubero	7915'	7743'	gas
Oak Canyon	7967'	7795'	gas
Encinal	7983'	7811'	gas
Total Depth:	<i>7983'</i>	7811'	gas

Logging Program:

Cased Hole:

CBL-GR

Open Hole:

None

Mud Program:	Interval (TMD) 0' - 320'	<u>Type</u> Spud	Weight (ppg) 8.4-9.0	Vis. (s/qt)	Fluid Loss (cc/30min)
	320' - 3823'	Non-dispersed	8.4-9.0	40-50 30-60	No control Less than 8
	3823' - 7983'	Air/Air Mist/Nitrogen		n/a	n/a
Casing program:	Interval (TMD)	Hole Size	Casing Size	Weight	Grade
	0' - 320'	12 1/4"	9 5/8"	32.3#	H-40
	320' - 3823'	8 3/4"	7"	23.0#	L-80
	3823' - 7983'	6 1/4"	4 1/2"	11.6#	L-80
Tubing program:	Interval (TMD)	Hole Size	Casing Size	Weight	Grade
	0' - 7983'	Cased	2 3/8"	4.7#	J-55

Wellhead Equipment

9 5/8" x 7" X 4 1/2" x 2 3/8" - 11" (2000 psi) wellhead assembly

Drilling: Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

Surface

Drill to surface casing point of 320' and set 9.625" casing.

Intermediate

Mud drill to kick off point of 400'. At this point the well will be directionally drilled by building 3 degrees per 100' with an azimuth of 129.1 degrees. The end of the build will be at a TVD of 1099', a TMD of 1116', a reach of 133', and an inclination of 21.47 degrees. This angle and azimuth will be held to a TVD of 2952', a TMD of 3107', and a reach of 861'. At this point the well will be drilled with a drop of 3 degrees per 100'. The end of the drop will be at a TVD of 3651', a TMD of 3823', a reach of 994', and an angle of 0.0 degrees. 7" casing will be set at this point.

Production

From the shoe of the intermediate string, the well will be drilled vertically with an air hammer to a TVD of 7811' (TMD of 7983'). 4.5" casing will be set at this point.

Cementing

9.625" surface casing conventionally drilled: 200% excess cement to bring cement to surface. Run 301 cu.ft. (235 sks) Type III cement with 3% CaCl2 and 1/4 pps celloflake (1.28 sks/ cu.ft.). Wait on cement appropriate time until cement achieves 250 psi compressive strength at 60° F prior to nipple up of BOPE. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface.

7" intermediate casing: 50% excess cement to bring cement to surface.

Lead with 738 cu.ft. (346 sks) Premium Lite w/ 3% CaCl2, 0.25 pps Cello-Flake, 5 pps LCM-1, 0.4% FL-52 and 0.4% SMS (2.13 sks/ft3). Tail with 124 ft3 (90 sks) Type III cmt. w/ 1% CaCl2, 0.25 pps Cello-Flake and 0.2% FL-52 (1.38 sks/ft3). If cement does not circulate to surface, a CBL or a temperature survey will be run to determine TOC.

4.5" production casing: 30% excess cement to achieve 100' overlap with intermediate casing. Run 567 cu.ft. (286 sks) Premium Lite HS FM + 0.25pps Cello-Flake, 0.3% CD-32, 6.25pps LCM-1, 1% FL-52 (1.98 sks/ft3.)

BOP and Tests

Surface to Total Depth – 11", 2000 psi double gate BOP stack (Reference Figure #1).

Surface to Total Depth - choke manifold (Reference Figure #2).

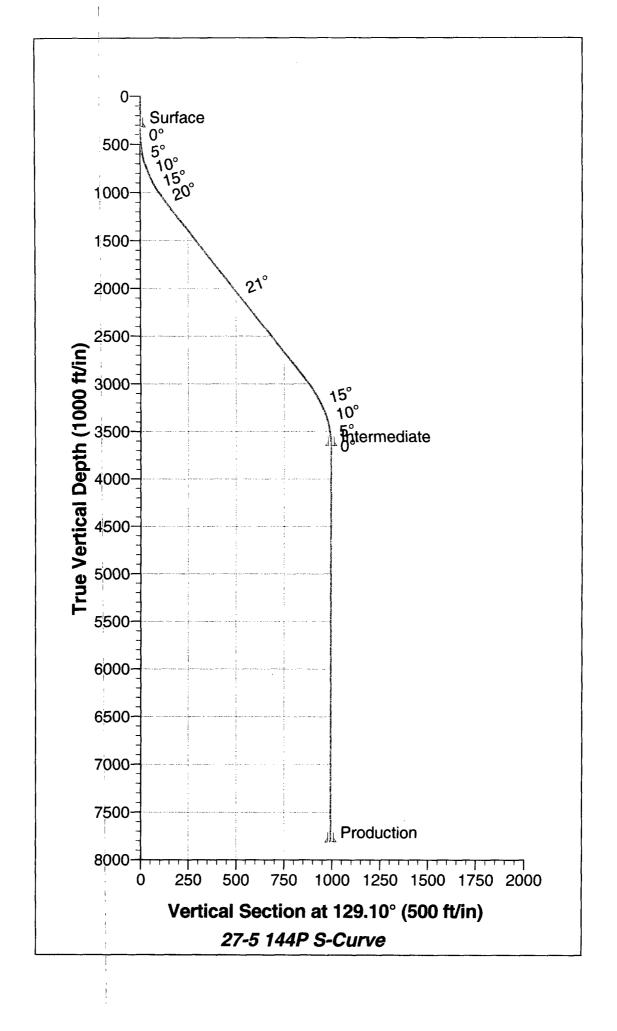
Prior to drilling out surface casing, test BOPE and casing to 600 psi for 30 minutes.

Pipe rams will be actuated at least once each day and blind rams will be actuated once each trip to test proper functioning. A Kelly cock valve and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

BOPE tests will be performed using an appropriately sized test plug and test pump and will be recorded using calibrated test gauges and a properly calibrated strip or chart recorder. The test will be recorded in the driller's log and will include a low pressure test requirement of 250 psig held for five minutes and a high pressure test requirement held for ten minutes as described in Onshore Order No. 2 or otherwise noted in the APD. A successful BOPE test using a test plug is considered when no pressure drop occurs over the duration of the test. Test gauges and recorders must be of the proper range and resolution commensurate with the authorized test pressure. Where the intermediate casing strings are used. only one BOPE test will be necessary contingent upon the test being conducted to the highest approved test pressure to which BOPE will be exposed. Casing pressure tests must be held for 30 minutes with no more than 10 percent pressure drop during the duration of the test.

Additional Information:

- This gas is dedicated to the South and East halves of Section 35.
- · New casing will be utilized.
- Pipe movement (reciprocation) will be done if hole conditions permit.
- No abnormal pressure zones are expected.
- BHP is expected to be 2000 psi.



BURLINGTON RESOURCES

Drilling Rig Choke Menifold Configuration 2000 psi System

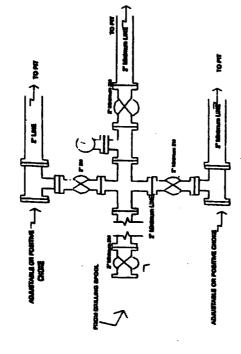
Burilington Resources

2000 psi System Orilling Rig

RO PLOOP

ROTATING HEAD:

PPLLUP LINE



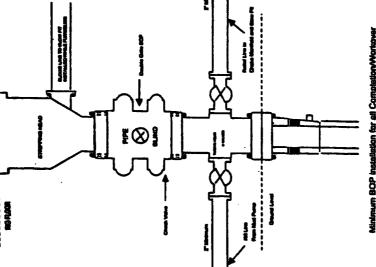
DOUBLE GATE

Choke manifold installation from Surface Casing Point to Total Depth. 2,000pel working press equipment with two chokes.

Figure #3

4-20-01

Figure #1



tipe rams. A stripping head to be installed on the top of eure double gate BOP to be equipped with bilind and Operations. 7-1/16" bore, 2000 pel minimum workin preseure or greater excluding 600 pel ablipping head. Minimum BOP installation for all Complation/World the BOP. All BOP equipment is 2000 pel working