Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM011808A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM73809

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

8. Well Name and No.
SKELLY GOVT 2

2. Name of Operator
BURLINGTON RESOURCES O&G CO LP
Contact: PEGGY COLE
E-Mail: pcole@br-inc.com

9. API Well No.
30-045-06454-00-S1

3a. Address
3401 EAST 30TH
FARMINGTON, NM 87499

3b. Phone No. (include area code)
Ph: 505.326.9727
Fx: 505.326.9781

10. Field and Pool, or Exploratory
BASIN DAKOTA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 15 T27N R9W SWSW Tract BELVA 0835FSL 1110FWL
36.57024 N Lat, 107.78049 W Lon

11. County or Parish, and State
SAN JUAN COUNTY, NM

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

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

13. Describe Proposed or Completed Operation (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.)

It is intended to Plug and Abandon the subject well according to the attached procedures. Verbal approval to P & A from Charlie Perrin, NMOCD and Steve Mason, BLM (6-4-03).

RECEIVED
JUN 2003
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #22829 verified by the BLM Well Information System
For BURLINGTON RESOURCES O&G CO LP, sent to the Farmington
Committed to AFMSS for processing by Steve Mason on 06/06/2003 (03SXM0911SE)

Name *(Printed/Typed)* PEGGY COLE — Title REGULATORY ADMINISTRATOR

Signature (Electronic Submission) — Date 06/05/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON — Title PETROLEUM ENGINEER — Date 06/06/2003

Conditions of approval, if any, are attached. Approval of this notice 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.

Office Farmington

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

Area 1

SKELLY GOVERNMENT #2 – Dakota

835' FSL & 1110' FWL – Unit M, Sec. 15, T27N, R09W
Latitude / Longitude: N36° 34.248' / W107° 46.86'
AIN: 1482701

PLUG AND ABANDONMENT PROCEDURE 6/5/03

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.6 ppg with a 1.37 cf/sx yield.

Holes have been identified in the 4-1/2" 10.5# casing from 4363 – 3230' with 1.5BPM at 200psi, and also from 2195 – 202' with 1.5BPM at 200psi. A hole in the surface casing at 2' has also been identified.

2. **Plug #1 (Dakota perforations, 6874' – 6606'):** TIH w/2-3/8" tubing to CIBP at 6543'. Mix 10 sxs cement (2.4bbls of slurry) and spot a balanced plug inside casing above the CIBP to isolate the Dakota perforations. TOOH and stand back tubing.

3. **Plug #2 (Gallup top, ~~4913'~~ 5744 – ~~4813'~~ 5644'):** ~~Perforate 1 HSC squeeze hole at 4913'~~. TIH w/CR on 2-3/8" tubing and set at ~~4863'~~. ~~Establish rate into squeeze holes~~. Mix and pump ~~50~~ 12 sxs cement (12.4bbls of slurry), ~~squeeze 43 sxs cement (10bbls of slurry) through CR outside 4-1/2" casing~~. ~~Unsting and~~ pump 10 sxs cement (2.4bbls of slurry) on top of CR inside casing to cover the Gallup top. Trip up hole with tubing to 3828'.

4. **Plug #3 (Mesaverde top, 3828' – ~~3460'~~ 3728'):** Mix 50 sxs cement (12bbls of slurry) and spot a balanced plug inside casing to cover the Mesaverde top. Trip up hole to 2200' and WOC 4 hours; TIH and tag plug. If plug holds TOOH and stand back tubing, if not WOC and re-tag.

5. **Plug #4 (Chacra top, 3162' – 3062'):** Perforate 1 HSC squeeze hole at 3162'. TIH w/CR on 2-3/8" tubing and set at 3112'. Establish rate into squeeze holes. Mix and pump 53 sxs cement (12.4bbls slurry), squeeze 43 sxs through CR outside 4-1/2" casing. Unsting and pump 10 sxs cement (2.4bbls of slurry) on top of CR inside casing to cover the Chacra top. TOOH and stand back tubing.

7. ~~**Plug #5 (Lewis top, 2413' – 2313'):** Perforate 1 HSC squeeze hole at 2413'. TIH w/CR on 2-3/8" tubing and set at 2363'. Establish rate into squeeze holes. Mix and pump 53 sxs cement (12.4bbls slurry), squeeze 43 sxs through CR outside 4-1/2" casing. Unsting and pump 10 sxs cement (2.4bbls of slurry) on top of CR inside casing to cover the Chacra top. Trip up hole w/tubing to 2270'.~~

8. **Plug #6 (Pictured Cliffs and Fruitland Coal tops, 2270' – 1845'):** Mix 197 sxs cement (48bbls of slurry) and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland Coal tops. Trip up hole with tubing to 1000' and circulate down the tubing and back to surface. WOC 4 hours. TIH and tag plug. If plug holds trip up hole to 1470, if not WOC and re-tag.

9. **Plug #7 (Kirtland and Ojo Alamo tops, 1470'- 1230'):** Mix ~~51~~ 115 sxs cement (13bbls slurry) and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. Trip up hole to 800' and

Area 1

circulate down the tubing and back to surface. WOC 4hours. TIH and tag plug. If plug holds TOOH and stand back tubing. If not WOC and re-tag.

10. **Plug #8 (8-5/8" surface casing, 210' - Surface):** Holes have been found at 202', establish circulation out bradenhead with water. Mix and pump approximately 100 sxs cement (25bbls of slurry) down the 4-1/2" casing, circulate good cement out the bradenhead valve. Shut in well and WOC.

11. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended: _____
Operations Engineer
Mike Wardinsky

Approved: _____
Drilling Manager
Larry Dillon

Sundry Required: YES NO

Approved: _____
Regulatory
Peggy Cole

Operations Engineer:	Mike Wardinsky	Office: 599-4045	Cell: 320-5113		
Lease Operator	Joe Golding		Cell: 320-1595	Pager: 324-7824	
Specialist:	Johnny Cole		Cell: 320-2521	Pager: 326-8349	
Foreman:	Wayne Ritter	Office: 326-9818	Cell: 320-0436	Pager: 324-7225	

MHW/clc

WellView - Schematic

Asset ID Number	Property Number	Operator	County	State
1482700	071092600	BURLINGTON RESOURCES O&G CO LP	SAN JUAN	NM

KB Elevation (ft)	Ground Elevation (ft)	RigKB-Ground Distance (ft)	Plug Back Total Depth (ftKB)
0.00	0.00	0.00	

Spud Date	Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.	Latitude (DMS)	Longitude (DMS)
11/12/1963	Sect: 015, Twp: 027N, Rg: 009W, Poly: M, NMPM	1110.0	FWL	835.0	FSL	36° 34' 15.024" N	107° 48' 51.6" W

Schematic

Main Hole, 6/5/2003 (KB-Grd: 0.0ft)

ftKB (MD)	Geology	Schematic - Actual	Schematic - Proposed
10			210 - Surface 240 / 11.167 (1.18) = 16.5 sks 80 / 4.8939 (1.18) = 10 sks 160 / 4.2246 (1.18) = 33 sks
160			
210			
1230			OA 1470 - 1230 (1470 - 1230) 150 / 11.167 (1.18) = 22 sks (" ") / 4.3899 (1.18) = 93 sks
1280	Ojo Alamo, 1280'		
1420	Kirtland, 1,420ftKB		
1470			
1845			
1895	Fruitland, 1,895ftKB		
1960			TOC ≈ 1770 752 cft
2220	Pictured Cliffs, 2,226ftKB		
2270			PC/Fr 2270 - 1845
2290			
2313			
2363	Lewis, 2,363ftKB		(2270 - 1845) 150 / 11.167 (1.18) = 36 sks
2365		Main Hole, 12 1/4, 10-160	
2413			Lewis Plug Perf, 2,413-2,413
3062			
3112	Chacra, 3,112ftKB		
3114			
3162			Chacra Plug Perf, 3,162-3,162
3450			
3778	Mesaverde, 3,778ftKB		Mesaverde Plug 3828 - 3728 12 sks inside 39 sks outside
3828			
4813			
4863	Mancos, 4,863ftKB	Main Hole, 7 7/8, 160-6,909	
4865			
4913			
5540			TOC ≈ 5378 752 cft
5698	Gallup, 5,698ftKB		Surface Cement, 10-160
6493			Mancos Plug Perf, 4,813-4,813 5714 - 5644
6500	Greenhorn, 6,500ftKB		8 5/8, 10-160, Surface Casing
6543			
6545			Stage 2 Production Cement, 1,960-2,290
6559	Graneros, 6,559ftKB		
6606	Two Wells, 6,606ftKB	Dakota Frac, 6,606-6,874	Bridge Plug - Permanent, 4.050, 6,543-6,545
6672	Paguate, 6,672ftKB		
6745	Cubero, 6,745ftKB	Dakota Perfs, 6,606-6,874	
6824			Stage 1 Production Cement, 5,540-6,909, 4 1/2, 10-6,909, Production Longstring
6874			
6909			

Inside Surface Plug, 10-210
Outside Surface Plug, 10-210
Outside KT/OA, 1,230-1,470
Inside FC/KT/OA/Surf Plug, 1,230-1,470
Outside PC/FC, 1,845-1,960
Inside PC/FC Plug, 1,845-2,270
Lewis Cement Retainer, 4.050, 2,363-2,365
Inside Lewis Plug, 2,313-2,413
Outside Lewis Plug, 2,313-2,413
Chacra Cement Retainer, 4.050, 3,112-3,114
Inside Chacra Plug, 3,062-3,162
Outside Chacra Plug, 3,062-3,162
Inside Mesaverde Plug, 3,450-3,828
Outside Mesaverde Plug, 3,450-3,828
Mancos Cement Retainer, 4.050, 4,863-4,865
Inside Mancos Plug, 4,813-4,913
Outside Mancos Plug, 4,813-4,913
Dakota Plug, 6,493-6,543