Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.: Federal SF 078357-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Marshall

9. WELL NO.: 3

2. NAME OF OPERATOR: Austral Oil Company Incorporated

3. ADDRESS OF OPERATOR: 2700 Humble Building, Houston, Texas 77002

10. FIELD AND POOL, OR WILDCAT: Basin-Dakota

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*

At surface: 1,450' from West line and 1,450' from North line of Section 1, T-27-N, R-9-W, Unit F.

At top prod. interval reported below: Unknown

At total depth: Unknown

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 1 T-27-N, R-9-W

14. PERMIT NO.: — DATE ISSUED: 12-30-64

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-1-65	1-15-65	2-6-65	5953' GL	5953'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6700'	6650'	Single	→	6700'	None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Graneros-Dakota 6419'-6634' ES

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Induction-Electric; Acoustic Velocity

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	323'	12 1/4	250 sks	None
4 1/2	10.5#	6669'	7 7/8	250 sks thru shoe	None
				120 sks thru DV tool @ 2228'	
				120 sks thru DV tool @ 4695'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
	None			

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 1/16"	6369'	6369'

31. PERFORATION RECORD (*Interval, size and number*)

6419-36', 6490-6527', 6545-55', 6559-64', 6568-78', 6582-6602', 6608-16', 6620-34' ES
All 2 Jets/ft. 3/8" holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6419'-6634'	100,000 gals. water 100,000# sand 40 tons CO_2; 600# Cal Chl; 15 Sealer Balls; 300# J-100

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
2-19-65	Flowing	S.I.

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-19-65	11	None		5 1/2	1,191	4 (Frac)	99,396

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
570#	965#		12	2,600	8 (Frac)	

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented — TEST WITNESSED BY: M. H. S

35. LIST OF ATTACHMENTS: DV Tool report by B. Jackson Inc., Electric and Accoustic Velocity

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: R. Copeland — TITLE: Drilling and Prod. Supt. — DATE: 3-17-65

RECEIVED
MAR 18 1965
OIL CON. COM.
DIST. 3

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Picture Cliffs	2100	2160	Gas
Point Lookout	4420	4520	Gas
Gallup	5555	5890	Non-Productive
Graneros	6419	6488	Non-Productive ?
Dakota	6488	6680	Gas

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Fruitland	2035	
Picture Cliffs	2100	
Point Lookout	4420	
Mancos	4560	
Gallup	5555	
Greenhorn	6320	
Graneros	6419	
Dakota	6488	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

Marshall #3

DPNO 29026A

Proposed P&A

Basin Dakota

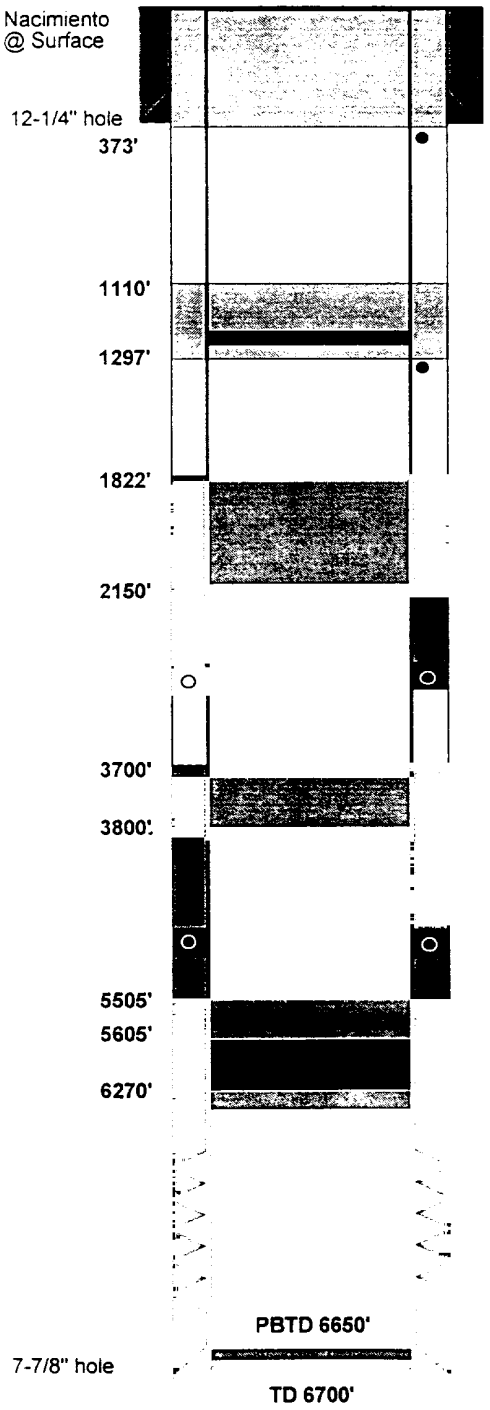
1450' FNL 1450' FWL

NW Section 1, T-27-N, R-09-W, San Juan County, NM

Lat./Long.: 36.607237 / 107.743256

Today's Date: 8/9/96
Spud: 1/1/65
Completed: 2/6/65
Logs: IES, AV, CBL
Elevation: 5953' (GL)
5965' (KB)
Workover: Dec '71

Ojo Alamo @ 1160'
Kirtland @ 1247'
Fruitland @ 1872'
Pictured Cliffs @ 2100'
Mesaverde @ 3750'
Gallup @ 5555'
Greenhorn @ 6320'
Graneros @ 6419'
Dakota @ 6488'



Plug #6: 373' - Surface,
Cmt w/106 sx Class B Cmt

8-5/8", 24.0#, Csg set @ 323',
Cmt w/250 sx (Circulated to Surface)
Perforate @ 373'

Plug #5: 1297' - 1110',
Cmt w/91 sx Class B Cmt,
73 sx outside csg, 18 sx inside csg

Cmt Retainer @ 1247'
Perforate @ 1297'

Top of Cmt @ 1818' (CBL, 1996)

Plug #4: 2150' - 1822',
Cmt w/29 sx Class B Cmt

CIBP @ 2150'

Stg Tool @ 2228',
Cmt w/120 sx (323 cf)
Holes between 2263' - 2553'

Holes between 2553' - 3319'
Top of Cmt @ 3633' (Calc, 75%)

Holes between 3575' - 3830'
CIBP @ 3800'

Plug #3: 3800' - 3700',
Cmt w/23 sx Class B Cmt
(200' excess)

Stg Tool @ 4695'
Cmt w/120 xsx (323 cf)

Plug #2: 5605' - 5505',
Cmt w/12 sx Class B Cmt

Plug #1: 6350' - 6270',
CIBP @ 6350' Cmt w/10 sx Class B Cmt

Dakota Perforations:
6419' - 6634', Total 234 holes

Cmt Retainer @ 6650', sqzd 45 sx

4-1/2", 10.5#, Csg set @ 6699',
Cmt w/250 sx (Cmt @ DV Tool @ 4695', 75%)

Initial Potential			Production History	Gas	Oil	Ownership		Pipeline
Initial AOF:	4074 Mcfd	(6/65)	Cumulative:	1101.6 MMcf	5.1 Mbo	GWI:	57.50%	EPNG
Current SICP:	700 psig	(10/90)	Current:	67.1 Mcfd	0.3 bbls/d	NRI:	45.81%	
						TRUST:	00.00%	

Marshall #3

DPNO 29026A

CURRENT

Basin Dakota

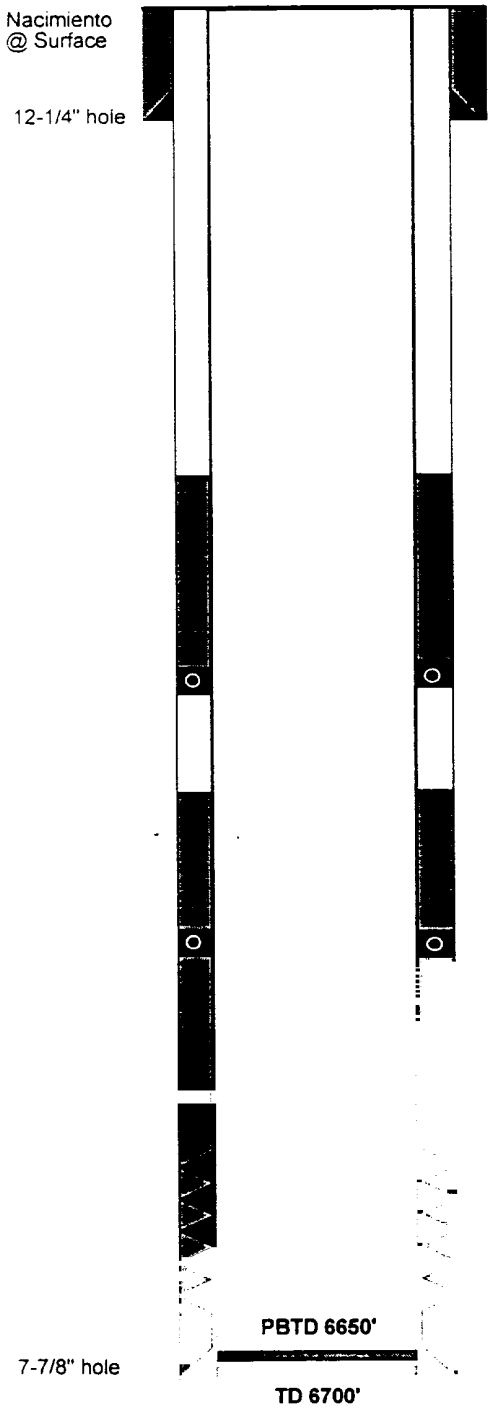
1450' FNL 1450' FWL

NW Section 1, T-27-N, R-09-W, San Juan County, NM

Lat./Long.: 36.607237 / 107.743256

Today's Date: 8/9/96
Spud: 1/1/65
Completed: 2/6/65
Logs: IES, AV, CBL
Elevation: 5953' (GL)
5965' (KB)
Workover: Dec '71

Ojo Alamo @ 1160'
Kirtland @ 1247'
Fruitland @ 1872'
Pictured Cliffs @ 2100'
Mesaverde @ 3750'
Gallup @ 5555'
Greenhorn @ 6320'
Graneros @ 6419'
Dakota @ 6488'



8-5/8", 24.0#, Csg set @ 323'.
Cmt w/250 sx (Circulated to Surface)

WORKOVER HISTORY

Dec '71: Install pkr to isolate csg leak; load annulus w/ corrosion inhibitor, oxygen scavenger and biocide; did not isolate csg leak; land tbg and pkr at 6339'

Top of Cmt @ 1818' (CBL, 1996)

Stg Tool @ 2228',
Cmt w/120 sx (323 cf)

Top of Cmt @ 3633' (Calc, 75%)

Stg Tool @ 4695'
Cmt w/120 xsx (323 cf)

RBP @ 6297'

Dakota Perforations:
6419' - 6634', Total 234 holes

Cmt Retainer @ 6650', sqzd 45 sx

4-1/2", 10.5#, Csg set @ 6699',
Cmt w/250 sx (Cmt @ DV Tool @ 4695', 75%)

Initial Potential			Production History	Gas	Oil	Ownership		Pipeline
Initial AOF:	4074 Mcfd	(6/65)	Cumulative:	1101.6 MMcf	5.1 Mbo	GWI:	57.50%	EPNG
Current SICP:	700 psig	(10/90)	Current:	67.1 Mcfd	0.3 bbls/d	NRI:	45.81%	
						TRUST:	00.00%	

PLUG & ABANDONMENT PROCEDURE

10-29-96

Marshall #3
Basin Dakota
1450' FNL, 1450' FWL
NW Section 1, T-27-N, R-9-W
San Juan Co., New Mexico

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.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and BROG regulations.

2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.

3. **Plug #1 (Dakota perforations, Graneros, and Greenhorn tops, 6350' - 6270'):** Wireline set 4-1/2" CIBP @ 6350'. PU and RIH with open ended 2-3/8" workstring to tag CIBP at 6350'. Pump 20 bbls water down tubing. Mix 10 sx Class B cement and spot a balanced plug inside casing on top of CIBP. POH to 5605'.

4. **Plug #2 (Gallup top, 5605' - 5505'):** Mix 12 sx Class B cement and spot a balanced plug inside 4-1/2" casing to cover the Gallup top from 5605' to 5505'. POH and LD tubing.

5. **Plug #3 (Mesaverde top, 3800' - 3700'):** Wireline set 4-1/2" CIBP @ 3800'. PU and RIH with open ended 2-3/8" workstring to tag CIBP. Mix 23 sx Class B cement (200' excess) and spot cement on top of CIBP; from 3800' to 3700'. Pull above cement to 2150', and WOC. RIH and tag cement. POOH.

6. **Plug #4 (Pictured Cliffs and Fruitland Coal tops, 2150' - 1822'):** Wireline set 4-1/2" CIBP @ 2150'. PU and RIH with open ended 2-3/8" workstring and tag CIBP. Mix 29 sx Class B cement and spot cement on top of CIBP from 2150' to 1822'. POH with tubing.

7. **Plug #5 (Kirtland and Ojo Alamo tops, 1297' - 1110'):** Perforate 2 squeeze holes at 1297'. Establish a rate into squeeze holes. PU and RIH with 4-1/2" cement retainer; set at 1247'. Establish rate into squeeze holes. Mix 91 sx Class B cement and squeeze 73 sx outside casing and leave 18 sx cement inside casing to cover the Ojo Alamo top. POH with tubing.

8. **Plug #6 (Surface, 373' - Surface):** Perforate 2 squeeze holes at 373'. Establish circulation out bradenhead valve. Mix approximately 106 sx Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.

9. ND BOP and cut off wellhead below surface casing flange. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: Kevin L. Midkiff 10/29/96
Operations Engineer

Approval: M.L.K. F/ CAS
Drilling Superintendent

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
SF-078357A

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
BURLINGTON RESOURCES OIL & GAS COMPANY

8. **Well Name & Number**
Marshall #3

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **API Well No.**
30-045-06879

4. **Location of Well, Footage, Sec., T, R, M**
1450'FNL, 1450'FWL, Sec.1, T-27-N, R-9-W, NMPM
F

10. **Field and Pool**
Basin Dakota

11. **County and State**
San Juan Co, NM

12. **CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission	Type of Action		
_X_ Notice of Intent	_X_ Abandonment	___ Change of Plans	
	___ Recompletion	___ New Construction	
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing	
	___ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection	
	___ Other -		

13. **Describe Proposed or Completed Operations**

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
NOV - 1 1996
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
96 OCT 29 AM 7:
070 FARMINGTON, NM

14. **I hereby certify that the foregoing is true and correct.**

Signed Peggy Bradfield (ROS1) Title Regulatory Administrator Date 10/29/96

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED
OCT 30 1996
/S/ Duane W. Spencer
DISTRICT MANAGER

NMOCD

Marshall #3

DPNO 29026A

CURRENT

Basin Dakota

1450' FNL 1450' FWL

NW Section 1, T-27-N, R-09-W, San Juan County, NM

Lat./Long.: 36.607237 / 107.743256

Today's Date: 8/9/96
Spud: 1/1/65
Completed: 2/6/65
Logs: IES, AV, CBL
Elevation: 5953' (GL)
5965' (KB)

Workover: Dec '71

Ojo Alamo @ 1160'
Kirtland @ 1247'

Fruitland @ 1872'

Pictured Cliffs @ 2100'

Mesaverde @ 3750'

Gallup @ 5555'

Greenhorn @ 6320'
Graneros @ 6419'
Dakota @ 6488'

8-5/8", 24.0#, Csg set @ 323',
Cmt w/250 sx (Circulated to Surface)

WORKOVER HISTORY

Dec '71: Install pkr to isolate csg leak; load annulus w/ corrosion inhibitor, oxygen scavenger and biocide; did not isolate csg leak; land tbg and pkr at 6339'

Top of Cmt @ 1165' (Calc, 75%)

193 jts, 2-1/16", 3.25#, J-55, tbg @ 6339'

Stg Tool @ 2228',
Cmt w/120 sx (323 cf)

Top of Cmt @ 3633' (Calc, 75%)

Stg Tool @ 4695'
Cmt w/120 xsx (323 cf)

Baker Model A-1 Lockset Packer @ 6339'

Dakota Perforations:
6419' - 6634', Total 234 holes

Cmt Retainer @ 6650', sqzd 45 sx

4-1/2", 10.5#, Csg set @ 6699',
Cmt w/250 sx (Cmt @ DV Tool @ 4695', 75%)

Initial Potential			Production History	Gas	Oil	Ownership		Pipeline
Initial AOF:	4074 Mcfd	(6/65)	Cumulative:	1101.6 MMcf	5.1 Mbo	GWI:	57.50%	EPNG
Current SICP:	700 psig	(10/90)	Current:	67.1 Mcfd	0.3 bbls/d	NRI:	45.81%	
						TRUST:	00.00%	

BRADENHEAD REPAIR PROCEDURE

8-9-96

Marshall #3
Basin Dakota
NW Section 1, T-27-N, R-9-W
San Juan Co., New Mexico
Latitude/Longitude: 36.607237 / 107.743256
DPNO 29026A

1. Comply to all NMOCD, BLM and BROG regulations. Test rig anchors and build blow pit prior to moving in rig. Conduct daily safety meetings for all personnel on location.

2. MOL and RU daylight pulling unit. Blow well down. NU 7-1/16" 3000 psi (6" 900 series) with stripping head. Test and record operation of BOP rams. Kill well with 1% KCL water only if necessary. Have wellhead inspected at A-1 Machine or WSI if needed.

3. PU on 2-1/16" tubing (6339') and attempt to release Baker Model A-1 Lockset packer at 6339' (in tension). POH with 2-1/16" tubing (stand back if in good condition or LD) and LD packer. Note any buildup of scale on tubing and notify Operations Engineer. Tally and PU 2-3/8" workstring.

4. RIH with 3-7/8", bit and 4-1/2" casing scraper to 6639', or below Dakota perforations. TOH w/bit and scraper. PU 4-1/2" RBP and RIH with tubing, set at 6380' (39' above DK perfs). Roll hole w/1% KCL water. Pressure test casing to 800#. Spot 10' of sand on top of RBP. TOH with tubing. If casing did not pressure test, then pick up a 4-1/2" packer and isolate casing leak(s).

5. RU wireline unit. Run CBL (with 800# pressure) to determine TOC behind 4-1/2" casing. Contact Operations Engineer (Rob Stanfield 326-9715, Pager 324-2674) for design of cement squeeze procedure. **Notify BROG Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document the approval in DIMS/WIMS. As much time as possible to the pump time is needed for the Agency to be able to show up for the cement job.**

6. WOC 12 hrs. Clean out to below squeeze(s) with 3-7/8" mill or bit. Pressure test to 750 psig. Re-squeeze as necessary.

7. TIH with 4-1/2" casing scraper to below squeeze. TOH. TIH with retrieving tool on 2-3/8" workstring blowing down with gas or air. Retrieve RBP and TOH. TIH with 3-7/8" bit and CO to PBTD @ 6650'. TOH with and LD 2-3/8" workstring.

8. TIH with 2-1/16" tubing with a pump out plug on bottom and a seating nipple one joint off bottom. Take and record gauges.

9. Land tubing near bottom perforation at 6634'. ND BOP and NU wellhead. Pump off pump out plug and record final gauges. Return well to production.

Recommended: R O Stanfield Jr
Operation Engineer

Approved: 8/13
Drilling Superintendent

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM
96 AUG 15 PM 2:57
070 FARMINGTON, NM

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

2. **Name of Operator**
MERIDIAN OIL

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. **Location of Well, Footage, Sec., T, R, M**
1450'FNL, 1450'FWL, Sec.1, T-27-N, R-9-W, NMPM
F

5. **Lease Number**
SF-078357A
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**
8. **Well Name & Number**
Marshall #3
9. **API Well No.**
30-045-06879
10. **Field and Pool**
Basin Dakota
11. **County and State**
San Juan Co, NM

12. **CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission	**Type of Action**	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other - Bradenhead repair	

13. **Describe Proposed or Completed Operations**

It is intended to repair the bradenhead of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
AUG 21 1996
OIL CON. DIV.
DIST. 3

14. **I hereby certify that the foregoing is true and correct.**

Signed [signature] (ROS1) Title Regulatory Administrator Date 8/15/96

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED
AUG 16 1996
/s/ Duane Spencer

NMOCD

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED BLM

Sundry Notices and Reports on Wells

96 NOV 12 PM 2:24

RECEIVED
NOV 15 1996
070 FARMINGTON, NM

OIL CON. DIV.
DIST. 3

1. **Type of Well**
GAS

5. **Lease Number**
SF-078357A

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
BURLINGTON RESOURCES OIL & GAS COMPANY

8. **Well Name & Number**
Marshall #3

9. **API Well No.**
30-045-06879

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

10. **Field and Pool**
Basin Dakota

4. **Location of Well, Footage, Sec., T, R, M**
1450'FNL, 1450'FWL, Sec.1, T-27-N, R-9-W, NMPM
F

11. **County and State**
San Juan Co, NM

12. **CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission	Type of Action		
___ Notice of Intent	_X_ Abandonment	___ Change of Plans	
	___ Recompletion	___ New Construction	
_X_ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing	
	___ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection	
	_X_ Other - Bradenhead repair		

13. **Describe Proposed or Completed Operations**

10-23-96 MIRU. ND WH. NU BOP. Pkr stuck. SDON.

10-24-96 TIH w/fishing tools. Fishing. TOOH w/pkr & fishing tools. TOOH w/193 jts 2 1/16" tbg. TIH w/RBP, set @ 6297'. TOOH. Dump 2 sx sd on RBP. Load hole w/20 bbl wtr. SDON.

10-25-96 TIH to 2400'. Circ hole w/40 bbl 1% Kcl wtr. PT csg to 1000 psi, failed. TOOH. TIH, ran CBL-CCL @ 0-2290' w/500 psi; 80-100% bond @ 1818-2234', free pipe to surface. TOOH. TIH w/4 1/2" FB pkr, made multiple tool setting to locate csg leak. Located leaks @ 2263 & 4355'. PT csg above 2263' to 1000 psi/15, OK. PT csg below 4355' to 1250 psi/15 min, OK. TOOH w/FB pkr. SD for weekend.

10-28-96 TIH w/4 1/2" RBP & pkr; set RBP @ 4405'. Made multiple tool setting to find csg leak. Found multiple holes @ 2263-2553', 3319-3447', 3575-3830'. TIH, latch RBP, TOOH. TIH w/4 1/2" retrieving tool to 4404'. SDON.

10-29-96 TIH w/4 1/2" retrieving tool, blow well & CO. Latch RBP @ 6277'. TOOH w/RBP. TIH w/4 1/2" CIBP, set @ 6375'. TOOH. TIH to 6309'. SDON.

10-30-96 (Verbal approval to plug and abandon well from Wayne Townsend, BLM). TIH to CIBP @ 6375'. TOOH to 6374'. Establish circ w/15 bbl wtr. Plug #1: pump 12 sx Class "B" neat cmt inside csg. Displace to 6216'. TOOH to 5608'. Plug #2: pump 12 sx Class "B" neat cmt inside csg. Displace to 5450'. TOOH. TIH w/BP, set @ 3800'. Establish circ. Plug #3: pump 24 sx Class "B" neat cmt inside csg. Displace to 3481'. TOOH to 3031'. TOOH. SDON.

Continued on back

14. **I hereby certify that the foregoing is true and correct.**

Signed Peggy Bradfield Title Regulatory Administrator Date 11/13/96

APPROVED

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APPROVED BY _____ Title _____ Date NOV 15 1996
CONDITION OF APPROVAL, if any:

DISTRICT MANAGER

/S/ Duane W. Spencer

NMOCD

10-31-96 TIH, tag TOC @ 3216'. TOOH to 3071'. Perf 3 sqz holes @ 3071'. TOOH. TIH w/4 1/2" cmt retainer, set @ 3032'. Establish injection. Plug #4: pump 42 sx Class "B" cmt outside 4 1/2" csg @ 2971-3071' below cmt retainer. Open csg valve. Pump 8 sx Class "B" cmt inside csg on top of cmt retainer. TOOH to 2904'. Reverse circ w/15 bbl wtr. Received 0.5 bbl cmt in returns. TOOH. TIH w/4 1/2" CIBP, set @ 2160'. TOOH. TIH to 2160'. Plug #5: pump 29 sx Class "B" neat cmt inside csg @ 2159'. Displace to 1772'. TOOH. TIH, perf 3 sqz holes @ 1297'. TOOH. TIH w/4 1/2" cmt retainer, set @ 1241'. Establish injection. Plug #6: pump 76 sx Class "B" neat cmt outside 4 1/2" csg below cmt retainer @ 1110-1297'. Pump 14 sx Class "B" neat cmt inside csg @ 1056-1241'. TOOH. TIH, perf 3 sqz holes @ 373'. TOOH. Establish circ down csg & out bradenhead w/17 bbl wtr. SDON.

11-1-96 Establish circ down csg & out bradenhead w/3 bbl wtr. Plug #7: pump 111 sx Class "B" neat cmt down csg & out bradenhead. Circ 1 bbl cmt to surface. WOC. ND BOP. Cut off WH. Fill 4 1/2" csg & annulus w/26 sx Class "B" neat cmt. Install dry hole marker w/10 sx Class "B" cmt. RD. Rig released. Well plugged and abandoned 11-1-96.