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-076958

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

7. **Unit Agreement Name**

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

8. **Well Name & Number**
Hare #18

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

9. **API Well No.**
30-045-08570

4. **Location of Well, Footage, Sec., T, R, M**
1500'FNL, 1070'FEL, Sec.10, T-29-N, R-10-W, NMPM

10. **Field and Pool**
Blanco MV/Basin DK

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 - Pay add, temporarily abandon Dakota		

13. **Describe Proposed or Completed Operations**

It is intended to add the Menefee to the Mesaverde formation of the subject well according to the attached procedure and wellbore diagram. The Dakota formation will be temporarily abandoned.

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

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

Signed Peggy Bradfield (PMP2) Title Regulatory Administrator Date 10/29/96

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

OCT 30 1996

NMOCD

DISTRICT MANAGER

HARE #18 MV
Workover Procedure
H 10 29 10
San Juan County, N.M.
Lat-Long: 36.744095 - 107.866425

1. Comply to all NMOCD, BLM, & MOI rules & regulations. MOL and RU completion rig. NU 6" 900 series BOP w/flow tee and stripping head. NU blooie line & 2-7/8" relief line.

2. Set blanking plug in "F" nipple in 2-3/8" tbg @ about 6600' & test tbg to 3000 psi. TOH w/2-3/8" tbg & Model "G" seal assembly. TIH w/C-J milling tool (pkr plucker) & mill slips on Model "D" pkr. TOH w/Model "D" pkr.

3. Using wireline, set CIBP @ 4750' & top w/1 sx cmt. Run CBL & advanced integrated data processing GSL neutron log 4730'-4000'. Hot-shot logs to Engineering Dept. Run 4-1/2" ret BP on 2-3/8" tbg & set @ 4530' & top w/1 sx sand. W/ 2-3/8" tbg @ 4515', load hole w/1% KCL water. Pressure test csg to 300 psi. Spot 300 gal 7-1/2% HCL acid across Menefee (4515'-4220'). Use same additives in acid as the acid breakdown. TOH.

4. Spot & fill 5-400 bbl. frac tanks w/2% KCL water. Filter all water, if necessary, to 25 microns. Four tanks are for fracing & one tank is for breakdown water. Usable water required for frac is 1452 bbls.

5. MI wireline truck. Perf additional Menefee as per Engr Dept (about 25 holes 4515'-4220') Perf w/select fire HSC gun using HSC-3125-302T 10 gr Owen jets which should give a 0.29" hole & 16.64" of penetration in concrete.

6. TIH w/4-1/2" pkr on 2-7/8" 6.5# N-80 w/shaved collars (3.5" O.D. 2.441" I.D.) rental frac string & set @ 4520'. (Run 2 jts 2-3/8" N-80 on top of pkr). Pressure test ret BP @ 4530' to 4200 psi. Reset pkr @ 4000'. W/ 300 psi on backside, breakdown & attempt to balloff Menefee perfs w/1500 gal 15% HCL acid & 50 RCN 7/8" 1.3 sp gr perf balls. (1 gal/1000 corrosion inhibitor). Max. pressure is 4200 psi. Lower pkr to 4520' to knock off perf balls. Reset pkr @ 4150'.

7. Pressure backside to 300 psi & monitor during frac job. Frac MV w/60,000 gals. of 30# gel & 90,000# 20/40 Arizona sand. Pump at 35 BPM. Sand to be tagged w/ 0.4 mCi/1000# Ir-192 tracer. Max. pressure is 4200 psi & estimated treating pressure is 3000 psi. Treat per the following schedule:

Stage	Water (Gals.)	Sand Vol. (lbs.)
Pad	15,000	—
1.0 ppg	10,000	10,000
2.0 ppg	25,000	50,000
3.0 ppg	10,000	30,000
Flush	(1,020)	0
Totals	60,000	90,000#

If well is on vaccum near end of frac job, cut flush as necessary to avoid overflushing & slow rate during flush. Frac with the following additives per 1000 gal frac fluid.

* 30# J-48 (Guar Gel mix in full tank - 16,000 gal)
* 1.0 gal. Aqua Flow (Non-ionic Surfactant mix in full tank)
* 1.0# gvw-3 (Enzyme Breaker mix on fly)

* 1.0# B-5	(Breaker mix on fly)
* 3.0 gal Fracfoam I	(Foamer mix on fly)
* 0.38# - Fracide 20	(Bacteriacide in full tank)

8. Shut well in for 6 hrs to let gel break. TOH w/2-7/8" tbg & pkr. TIH w/retrieving tool on 2-3/8" tbg & C.O. Menefee w/air/mist to ret BP @ 4530'. **Take pitot gauges when possible.**

9. When wellbore is sufficiently clean, **Take pitot gauges** & retrieve BP @ 4530' & TOH.

10. TIH w/3-7/8" bit on 2-3/8" tbg & C.O. to 4700' w/air/mist. **Take pitot gauges when possible.** When wellbore is sufficiently clean, TOH & run after frac gamma-ray log & Perf Eff. Log from 4700'-4000'.

11. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom & again cleanout to 4700'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 4500' KB. **Take final water & gas rates.**

12. ND BOP & NU wellhead & tree. Rig down & release rig.

Recommended:_____ Approve:_____
Production Engineer Drilling Superintendent

VENDORS:

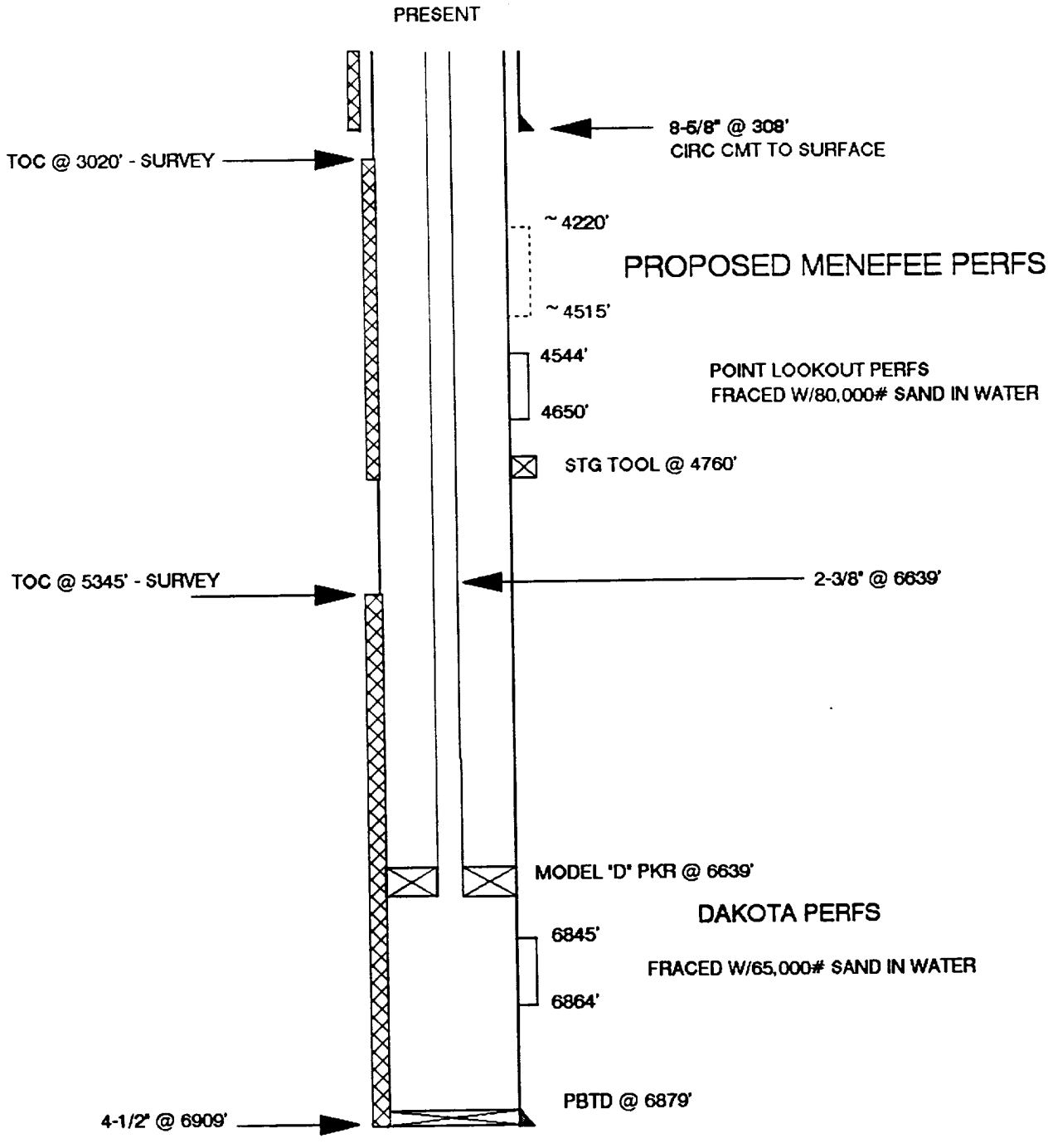
Wireline	Blue Jet	325-5584
Fracturing:	BJ	327-6222
RA Tag:	Pro-Technics	326-7133
Pkr & Ret BP	Schlum.	325-5096

PMP

HARE #18 MV

UNIT H SECTION 10 T29N R10W

SAN JUAN COUNTY, NEW MEXICO



Pertinent Data Sheet - HARE #18 MV

Location: 1500' FNL & 1070' FEL, Unit H, Section 10, T29N, R10W, San Juan County, New Mexico

Field: Blanco Mesaverde
Basin Dakota

Elevation: 5835' GL
14' KB

TD: 6909'
PBTD: 6879'

Completed: 6/29/62

Spud Date: 6/14/62

100% SRC TRUST

DP #: MV:27254 DK:27243
LEASE: Fed: SF 076958
GWI: ~~100%~~ 25%
NRI: ~~87.5%~~ 21%
Prop#: 0020373

Initial Potential: MV: AOF=4164 MCF/D; Q=3675 MCF/D; SICP=958 PSI
DK: AOF=2845 MCF/D; Q=2730 MCF/D; SICP=1981 PSI

Casing Record:

Hole Size	Csg Size	Wt. & Grade	Depth Set	Cement	Cmt Top
e12-1/4"	8-5/8"	24# J-55	308'	230 sx	Circ Cmt
7-7/8"	4-1/2"	9.5&10.5# J-55	6909'	250 sx	5345' - Survey
		Stg Tool @	4760'	525 sx	3020' - Survey

Tubing Record:

Tbg. Size	Wt. & Grade	Depth Set
2-3/8"	4.70# J-55	6639'
	Model "D" Pkr @	6639'
	F.S.N. @	N/A
	6-20' Blast Jts @	N/A

Formation Tops:

Ojo Alamo	1050'	Point Lookout:	4535'
Kirtland Shale	1190'	Gallup	5790'
Fruitland:	1955'	Dakota	6790'
Pictured Cliffs:	2267'		
Mesaverde:	3929'		

Logging Record: Induction, Csg Inspection Log

Stimulation: Perf Dakota @ 6848'-56', 6714'-38', 6836'-42', 6856'-64' w/4 spf & fraced w/65,000# sand in in water.

Workover History: **10/3/71:** Perf Point Lookout @ 4544'-68', 4574'-88', 4596'-4606', 4618'-24', 4644'-50', w/2 spf & frac w/80,000# sand in water. Set Model "D" Pkr @ 6639' & completed as a dual well w/DK gas up tbg & MV gas up annulus.

Production History: DK 1st delivered 9/62. Current DK capacity is 0 MCF/D. DK cum is 1224 MMCF. MV 1st del 12/71. Current MV capacity is 30 MCF/D. MV cum is 579 MMCF.

Pipeline: Williams Field Service