Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
SF079352-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
Browning Federal

2. Name of Operator
KLM Oil & Gas

9. API Well No.
33-1

3. Address and Telephone No.
Box 151 McLouth, Ks. 66054

10. Field and Pool, or Exploratory Area
W Puerto Chiquito Man.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface location 1650' FSL & 1710' FWL
"B" Leg Bottom hole location 2405' FSL & 2531' FWL
"C" Leg Bottom hole location 2726' FSL & 2794' FWL

11. County or Parish, State
Rio Arriba, N.M.

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Shut in pending evaluation	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

RECEIVED
JAN 22 1992
OIL CON. DIV.
DIST. 3

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6 1/4" open hole drilled vertical from 5980' to 6900' TVD/RKB Then Plugged back and dressed off to 6200' TVD/RKB
6 1/4" Open hole drilled to horizontal in the Niobrara "B" section Kick off point 6200' and drilled to 7590' bottom hole depth, 6658' TVD.
6 1/4" open hole drilled to horizontal in the Niobrara "C" section kick off point 6510' and drilled to 8060' bottom hole depth, 6768' TVD.
Well is shut in pending evaluation.
No liner was run below intermediate casing.

ACCEPTED FOR RECORD
JAN 21 1992
FARMINGTON RESOURCE AREA
BY

92 JAN 16 PM 12:51
070 FARMINGTON, N.M.
RECEIVED
BLM

14. I hereby certify that the foregoing is true and correct
Signed Donna L. Huston Title Drilling Foreman Date Jan. 16, 1992

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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

*See Instruction on Reverse Side

SUMMARY INFORMATION

Well Name	:	Browning Federal 33-1
Well Status	:	Pending Evaluation
Elevation	:	7365' RKB
	:	7347' GL
	:	18' RKB
Surface Location	:	Rio Arriba County, New Mexico
	:	Sec. 33, T24N, R1W
	:	1710' FWL, 1610' FSL
Pay Zones		
Point Lookout	:	5340/80' TVD / RKB
	:	5490'/5504' TVD / RKB
Niobrara / Mancos		
Stray "A"	:	6514' TVD / RKB
"A"	:	6584' TVD / RKB
"B"	:	6606' TVD / RKB
"C"	:	6713' TVD / RKB
"C" Bottom	:	6796' TVD / RKB
Hole size		17½"
Casing Points		
Surface	:	13 3/8" 48#/FT ST&C WC-40
Shoe set @	:	Set @ 372' TVD / RKB
Hole Size		8 3/4"
Intermediate	:	7" 23#/FT LT&C J-55
	:	GL to 5574.24' TVD / RKB
	:	7" 23#/FT LT&C N-80
	:	5574.24' to 5980' TVD / RKB
Shoe	:	5980' TVD / RKB
Top of Stage Tools		
Third Stage	:	2481.99' TVD / RKB
Second Stage	:	4194.46' TVD / RKB

Pilot Hole 6 1/4"

Open Hole Drilled : 5980' to 6900' TVD / RKB
Plugged back and dressed off to. : 6200' TVD / RKB

Horizontal Leg "B" 6 1/4"

	MD	TVD	ANG.	N/S	E/W	TVS
Kick off Point :	6200'	6198.9'	3.93	-27.36'	15.62'	-8.80'
End of Curve :	6854'	6600.9'	86.38	281.25'	398.2'	409.5'
End of Leg :	7590'	6658.2'	88.50	795.59'	821.1'	1142.7'

Bottom Hole Location : 2405.59' FSL, 2531.1' FWL

Horizontal Leg "C" 6 1/4"

	MD	TVD	ANG.	N/S	E/W	TVS
Kick off Point :	~~6500'~~ 6510'	~~6481.4'~~ 6481.9	~~45~~ 44.63°	~~55.72'~~ 55.69	~~78.02'~~ 77.99	94.3'
End of Curve :	7039'	6740.1'	90.37	378.57'	380.91'	536.9'
End of Leg :	8060'	6768.3'	91	1116.57'	1084.78'	1556.7'

Bottom Hole Location : 2726.57' FSL, 2794.78' FWL

The 7" casing was run as follows:

7" Casing

Baker Guide Shoe	1.00'
1-Jt. 7"23#/ft N-80 LT&C	40.80'
Baker Float Collar	1.00'
11-Jt. 7" 23#/ft N-80 LT&C	462.96'
29-Jt. 7" 23#/ft J-55 LT&C	1278.08'
1-Baker Stage Collar	1.70'
39-Jt. 7" 23#/ft. J-55 LT&C	1710.77'
1-Baker Stage Collar	1.70'
57-Jt. &"23#/ft. J-55 LT&C	2504.46'
Total pipe & Tools	6002.47'
Pipe above RKB	-22.47'
7" Shoe @	5980.00'
Top of 1st Stage Tool @	2481.99'
Top of 2nd Stage Tool @	4194.46'

Plug # 1

Run cement plug #1 as follows: Pumped 5 bbl's fresh water ahead then pumped 61 sx 65/35 Poz., 6% Gel, 5 Lbs/sx Hi-Seal, & 1/4 lb./sx Cello-Seal, mixing weight 12.4 lbs/gal.,1.88 cubic ft./sx yield, 9.42 gal./sx mix water, premixed and pumped @ 3 B.P.M.

Trip out of hole 6 stands for plug #2.

Plug #2

Cement plug #2 as follows: Pump 5 bbl's fresh water ahead, 97 sx Class "H" cement, 10#/sx SF-4, .7% TF-4, 1/4#/sx Cello-Seal, mixing weight 17.5#/gal., 1.02 cubic ft./sx yield, 3.61 gal./sx mix water, premixed and pumped @ 3 B.P.M.

The Cement job was run as follows:

1st Stage from 5980' to 4194'

Mix and pump 5 barrels fresh water followed by 10 barrels of 10% CaCl, 12 barrels Aqua-fix, and 10 barrels fresh water. Cement first stage cement as follows: Lead slurry-10 barrels fresh water and 10 barrels scavenger slurry ahead, 155 sx 65/35 Poz, 6% Gel, 5 lbs/sx Hi-Seal, 1/4 lb./sx Cello-Seal, weight-12.6 ppg, 1.78 cubic ft./sx yield. Mix water 8.7 gal/sx. Tail in with 115 sx Class "B" neat, 1/4 lb/sx Cello-Seal, weight 15.6 ppg, 1.17 cubic ft./sx yield, 5.19 gal./sx mix water. Displace with 90 barrels fresh water and 145 barrels mud. final circulating pressure 1,000 P.S.I. Bumped plug with 600 P.S.I. over. Plug down @ 10:00 A.M.. Circulated 6 barrels cement to surface. Circulated 4 barrels Aqua-Fix to surface. Drop trip plug to open D.V. Tool and circulate prior to second stage. Circulate for 2nd stage for 3.5 hr.

2nd Stage from 4194' to 2482'

Pump 10bbl's fresh water and 10 bbl's scavenger slurry ahead. Lead 250sx 65 % 35% Poz- Mix, 6% Gel, 5lb/sx Hi-Seal, 1/4 lb /sx Cello Seal. Mixing weight 12.6 ppg, 1.78 yield, 8.70 gal / sx mix water. Tail in with 50 sx Class B neat, 15.6 ppg mix weight, 1.17 yield, 5.19 gal/sx mix water. Displaced with 90 bbl's fresh water and 76 bbl's mud. Final circulating pressure 100 psi. Bumped plug with 1500 psi over circulating pressure. Plug down at 2:45 pm, plug held Ok. Circulated 10 bbl's of cement to surface. Lost circulation after displacement of 150 bbl's. Drop trip plug and open TV tool and circulate for 3rd stage for 3.25 hr.

3rd Stage from 2482' to Surface

Pump 10 bbl's of fresh water, 10 bbl's scavenger slurry ahead. Lead 405sx 65%-35% Poz Mix, 6% Gel, 2% $CaCl_2$, 1/4 lb/sx Cello-Seal. Mixing weight 12.7 ppg, 1.72 Yield, 8.7 gal/sx mix water. Tail in with 120 sx Class B neat. Mix weight 15.6 ppg, 1.17 Yield, 5.19 gal/sx mix water. Displaced with 98 bbl's fresh water. Final circulating pressure 900 psi. Bumped plug with 1600 psi over circulating pressure. Plug down at 7:00 pm, plug held OK. Circulated 58 bbl's of cement to surface with no lost returns. Wait on cement 8hr. Set 7" x 13 5/8 " casing slips with full string weight.