

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a well or reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

|                                                                                                                                                                                                                                                                                                                            |  |                                                                        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                                                                                                                                           |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>Jicarilla 168                   |  |
| 2. NAME OF OPERATOR<br>Mobil Producing TX & NM Inc.                                                                                                                                                                                                                                                                        |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                   |  |
| 3. ADDRESS OF OPERATOR<br>9 Greenway Plaza Suite 2700, Houston TX 77046                                                                                                                                                                                                                                                    |  | 7. UNIT AGREEMENT NAME                                                 |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)<br>At surface<br>330' FSL & 330' FWL                                                                                                                                                                 |  | 8. FARM OR LEASE NAME<br>Jicarilla M                                   |  |
| 14. PERMIT NO.                                                                                                                                                                                                                                                                                                             |  | 9. WELL NO.<br>1                                                       |  |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>7379 GL                                                                                                                                                                                                                                                                  |  | 10. FIELD AND POOL, OR WILDCAT<br>Lindrith Gallup Dakota W.            |  |
| 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data                                                                                                                                                                                                                                              |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 13, T23N, R3W |  |
| 17. 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.) |  | 12. COUNTY OR PARISH<br>Rio Arriba                                     |  |
|                                                                                                                                                                                                                                                                                                                            |  | 13. STATE<br>NM                                                        |  |

|                                              |                                               |                                                                                                       |                                                  |
|----------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| NOTICE OF INTENTION TO:                      |                                               | SUBSEQUENT REPORT OF:                                                                                 |                                                  |
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>                                                               | REPAIRING WELL <input type="checkbox"/>          |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>                                                           | ALTERING CASING <input type="checkbox"/>         |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>                                                        | ABANDONMENT* <input checked="" type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         | (Other) <input type="checkbox"/>                                                                      | Change Plans <input checked="" type="checkbox"/> |
| (Other) <input type="checkbox"/>             |                                               | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |                                                  |

This is to notify a change in plans in the plug and abandonment procedure in the subject well. We attempted to retrieve a fish for 4 days and were unsuccessful. The top of the fish will be at 6330 when pushed to bottom.

The originally approved P&A procedure called for a cement retainer to be set at 7200' and squeeze the Upper Dakota perfs with 100 sacks cement. Then set a cement retainer at 6150 to squeeze the Gallup perfs with 200 sacks cement. (Steps 5 & 6 on the attached approved procedure). Due to the fish we set a 4 1/2" cement retainer at 6150 and will squeeze Upper Dakota & Gallup perfs with 500 sacks cement.

18. I hereby certify that the foregoing is true and correct.

SIGNED Keith Carnish TITLE Operations Engineer DATE 6/16/86

(This space for Federal or State office use)

APPROVED BY Steve Mason from/ Engineer TITLE Engineer

CONDITIONS OF APPROVAL, IF ANY: Keith Carnish

\*See Instructions on Reverse Side  
NMOCC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different location. Use "APPLICATION FOR PERMIT" for such proposals.)

|                                                                                                                                                       |  |                                                                                      |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                      |  | 7. UNIT AGREEMENT NAME                                                               |  |
| 2. NAME OF OPERATOR<br>Mobil Producing TX & NM Inc.                                                                                                   |  | 8. FARM OR LEASE NAME<br>Jicarilla M                                                 |  |
| 3. ADDRESS OF OPERATOR<br>9 Greenway Plaza - Suite 2700 - Houston, TX 77046                                                                           |  | 9. WELL NO.<br>1                                                                     |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface 330 FSL & FWL |  | 10. FIELD AND POOL, OR WILDCAT<br>Lindrith Gallup-Dakota, We                         |  |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 13, T-23N, R-3W                                                                              |  | 12. COUNTY OR PARISH<br>Rio Arriba                                                   |  |
| 13. STATE<br>NM                                                                                                                                       |  | 14. PERMIT NO.<br>JAN 21 1986                                                        |  |
| 15. ELEVATIONS (Show whether DF, ST, GR, etc.)<br>7379 GL                                                                                             |  | 16. RECEIVED<br>JUN 23 1986<br>BUREAU OF LAND MANAGEMENT<br>FARMINGTON RESOURCE AREA |  |

16. BUREAU OF LAND MANAGEMENT Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  
FARMINGTON RESOURCE AREA

| NOTICE OF INTENTION TO:                      |                                                       | SUBSEQUENT REPORT OF:                          |                                          |
|----------------------------------------------|-------------------------------------------------------|------------------------------------------------|------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/>         | WATER SHUT-OFF <input type="checkbox"/>        | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input checked="" type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/>    | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>                     | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANE <input type="checkbox"/>                 | (Other) <input type="checkbox"/>               |                                          |

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

17. 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.)\*

1. Notify BIM-Farmington 24 hrs prior to MIRU.
2. MIRU.
3. Poh w/269 jts 2-3/8" tbg, TA, Rods.
4. Circ hole w/9.5# mud.
5. RIH w/4-1/2" cmt ret, set @ 7200, sqz Dakota perms 7338-96, 7450-70, 7540-66 w/100x Class B (117 cf), Spot 1 bbl on top of ret.
6. RIH w/4-1/2" cmt ret, set @ 6150, sqz Gallup perms 6378-96, 6407-12, 6419-36, 6488-6516 w/200x Class B (234 cf), spot 1 bbl cmt on top of ret.
7. RIH w/jet cutter & cut 4-1/2" csg at free point, POH w/csg.
8. Regardless of depth, spot 50x Class B (59 cf) (50' in csg & 50' in 6 hole) when csg depth is reached.
- 9A. If csg top below 4700 --spot 60x (70 cf) Class B from 4600-4700.
- B. If not below 4700'--perf 4698-4700 w/4 JSPF, set 4-1/2 cmt ret

18. I hereby certify that the foregoing is true and correct

SIGNED Nancy Jones

TITLE Authorized Agent

DATE 1-12-86

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

OPERATOR

RECEIVED  
FEB 21 1986  
(OVER) INJECTION  
ACCTG.

APPROVED  
AS AMENDED

FEB 10 1986  
J. M. MILLENBACH  
AREA MANAGER

RECOMMENDED WORK PROCEDURE

LEASE Jicarilla M WELL NO. 1  
ANNULAR FLUID PRIOR TO WORKOVER wellbore fluids W/O FLUID TO BE USED mud

WT. (LBS/GAL.) 9.5 ZONE Gallup HYD. PRESS 3136 psig RES. PRESS -  
ZONE U. Dakota HYD. PRESS 3626 psig RES. PRESS -  
ZONE \_\_\_\_\_ HYD. PRESS \_\_\_\_\_ RES. PRESS \_\_\_\_\_

Please notify KA Canwile - Hobb (505-393-9186) 24 hrs before MIRU page 1 of

1. Notify BLM - Farmington (505-325-4572) 24 hrs before MIRU.
2. MIRU - ND wellhead
3. POH w/ rods & pump. NU BOP's & test
4. Unseat TA & POH w/ 269 jts 2 3/8" tbg
5. RIH w/ tbg open ended. Circ. hole w/ 9.5 lb/gal mud (112 bbls). POH.
6. RIH w/ 4 1/2" 10.5" cmt retainer on 2 3/8" tbg. Set retainer @ 7200'.  
Test backside to 500 psig.
7. Establish a pump in rate into the U. Dakota perms. Sqz. U. Dakota perms @ 7338-96', 7450-70', 7540-66' (48 holes) OA w/ 100 sx class B cmt PO of retainer w/ 1 bbl cmt in tbg & spot cmt on retainer. Plug from 7566'-7200'. POH.
8. RIH w/ 4 1/2" 10.5" cmt retainer on 2 3/8" tbg. Set retainer @ 6150'.  
Test backside to 500 psig max.
9. Establish a pump in rate into the Gallup perms. Sqz. Gallup perms @ 6378-96', 6407-12', 6419-36', 6488-6516' (93 holes) OA w/ 200 sx class B cmt. PO of retainer w/ 1 bbl cmt in tbg & spot cmt on retainer. Plug from 6516'-6150'. POH
10. MIRU csg crew & wireline co. RIH w/ free-pt indicator & locate free-pt. POH. RIH w/ jet cutter & cut csg @ free pt. POH & RD wireline co.
11. POH & LD 4 1/2" 10.5" csg. RD csg crew.
12. Regardless of depth, spot 100' class B cmt plug (50 sx) in csg top (50' in csg & 50' in 6 1/2" hole) when csg top depth is reached in the plugging operations.
13. IF csg top is below 4700', RIH w/ tbg open ended & spot 100' class B cmt plug (60 sx) across Mesaverde. From 4700'-4600'. IF not, RIH w/ 3 1/2" csg gun & perf 4700'-4698' w/ 4 JSPF, 120° phasing. POH. RIH w/ 4 1/2" 10.5" cmt retainer and sqz perms w/ class B cmt w/ cmt top @ 4600' inside and outside of 4 1/2" csg.
14. IF csg top is below 3250', spot class B cmt plug (130 sx) across csg & Pictured Cliffs zones from 3250'-2843'. IF not, perforate 3250'-3248' w/ 4 JSPF, 120° phasing. POH. RIH w/ cmt retainer and 4 1/2" perms w/ class B cmt w/ cmt top @ 2843' inside & outside of 4 1/2" csg.

(cont'd)

RECOMMENDED WORK PROCEDURE

EASE Jicarilla M WELL NO. 1  
 ANNULAR FLUID PRIOR TO WORKOVER wellbore fluids W/O FLUID TO BE USED mud  
 WT. (LBS/GAL.) 9.5 ZONE \_\_\_\_\_ HYD. PRESS \_\_\_\_\_ RES. PRESS \_\_\_\_\_  
 \_\_\_\_\_ ZONE \_\_\_\_\_ HYD. PRESS \_\_\_\_\_ RES. PRESS \_\_\_\_\_  
 \_\_\_\_\_ ZONE \_\_\_\_\_ HYD. PRESS \_\_\_\_\_ RES. PRESS \_\_\_\_\_

page 2 of 2

15. If csg top is below 2757', spot class B cmt plug (50 sx) across Ojo  
 Alamo zone from 2757' - 2657'. If not, perforate 2757' - 2755'  
 w/ 4 JSPF, 120° phasing. POH. RIH w/ cmt retainer and sq2 perfs  
 w/ class B cmt w/ cmt top @ 2657' inside & outside of 4½" csg.

16. If csg top is below 375', spot class B cmt plug (50 sx) across surface  
 csg shoe from 375 - 275'. If not, perforate 375 - 373' w/ 4 JSPF,  
 120° phasing. POH. RIH w/ cmt retainer and sq2 perfs w/ class B  
 cmt w/ cmt top @ 275' inside and outside of 4½" csg.

Note: Attempt to circ. cmt behind 4½" csg to surface.

17. If csg top is below 50', spot class B cmt plug (30 sx) from 50' to surface.  
 If not & cmt not circ behind 4½" csg to surface, perforate & sq2 perfs  
 w/ cmt top at surface inside & outside 4½" csg.

18. RD & release pulling unit.

19. Erect dry hole marker

20. Clean and clear location.

KAC

Procedure approved by Steve Mason - BLM (325-4572) 10-10-85

RECEIVED  
 FEB 21 1986  
 PRODUCTION  
 ACCTG

BUREAU OF LAND MANAGEMENT  
Drawer 600  
Farmington, New Mexico 87499-00600

Attachment to Notice of  
Intention to Abandon

Re: Permanent Abandonment

Well: 1 Jic. M

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. The Farmington office (telephone (505) 325-4572) is to be notified in sufficient time for a representative to witness all plugging operations.
3. Blowout prevention equipment is required.
4. In addition to normal filling of pits and cleanup of location, additional surface restoration work may be required, i.e. ripping of pad and/or access road, reseeding, etc. We have asked the Surface Management Agency for the surface restoration requirements for this well and we should be able to furnish you these requirements within 30 days. After plugging the well and before making final clean-up, you should contact this office unless you have already been advised as to what additional surface restoration work is required.
5. The following modifications to your plugging program are to be made (when applicable):

*The plug in Item 1/A & B is to be extended down hole to cover the Ojo Alamo top and bottom. i.e. from 2940' to 2650' or two plug (one plug from 2940 to 2840 and another from 2750 to 2650).*

Office Hours: 7:30 A.M. to 4:15 P.M.

RECEIVED  
FEB 21 1986  
PRODUCTION  
ACCTG

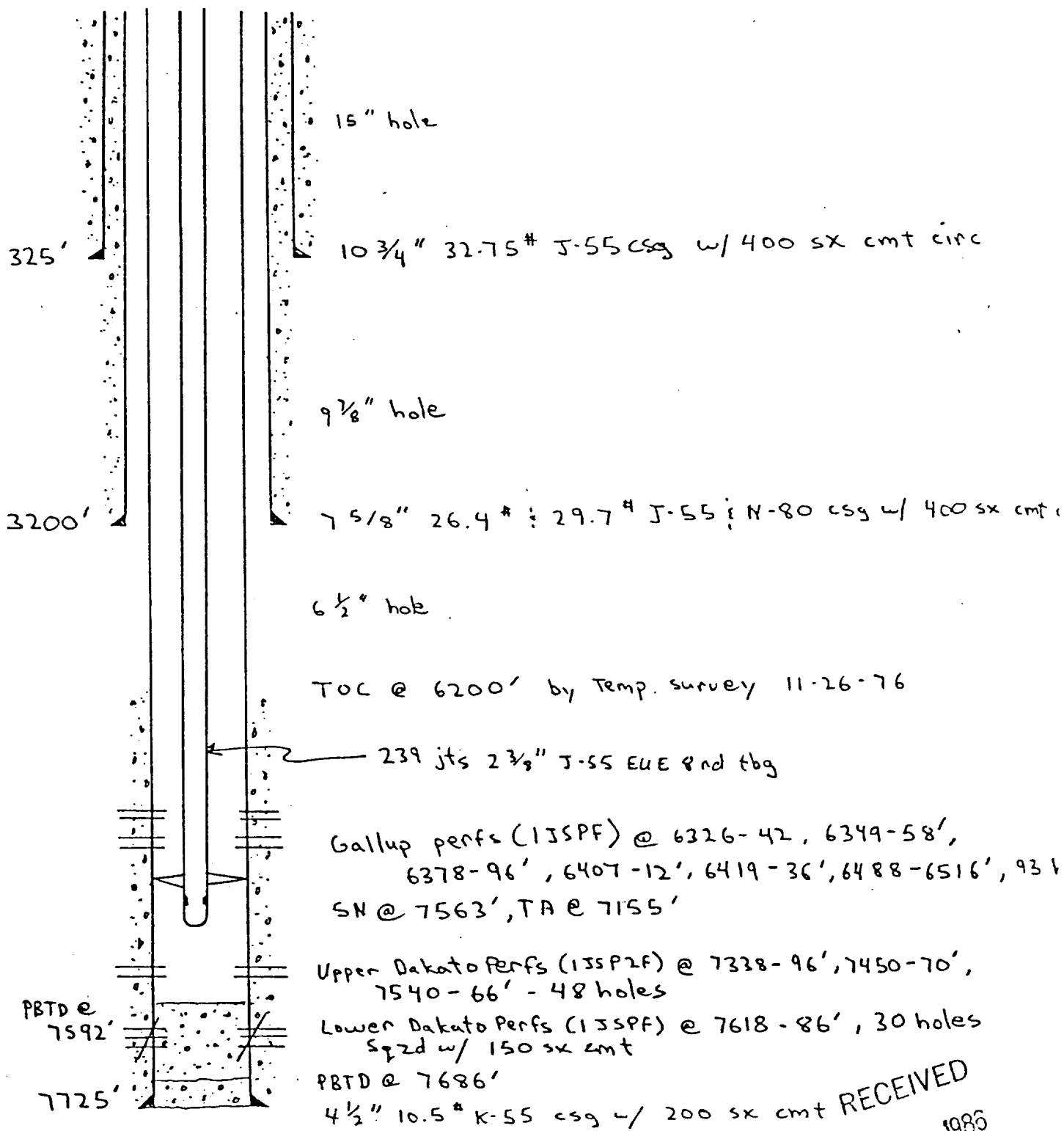
Lease: Jicarilla M Well No. 1 Date: 10-8-85

Location: M-513 - T23N - R3W By: KA Carwile  
(330 FSL & 330' FWL)

Subject: Present Well Completion

Elevation: GL: 7379'

zero: 11.6' AGL



RECEIVED  
FEB 21 1986

PRODUCTION  
ACCTG

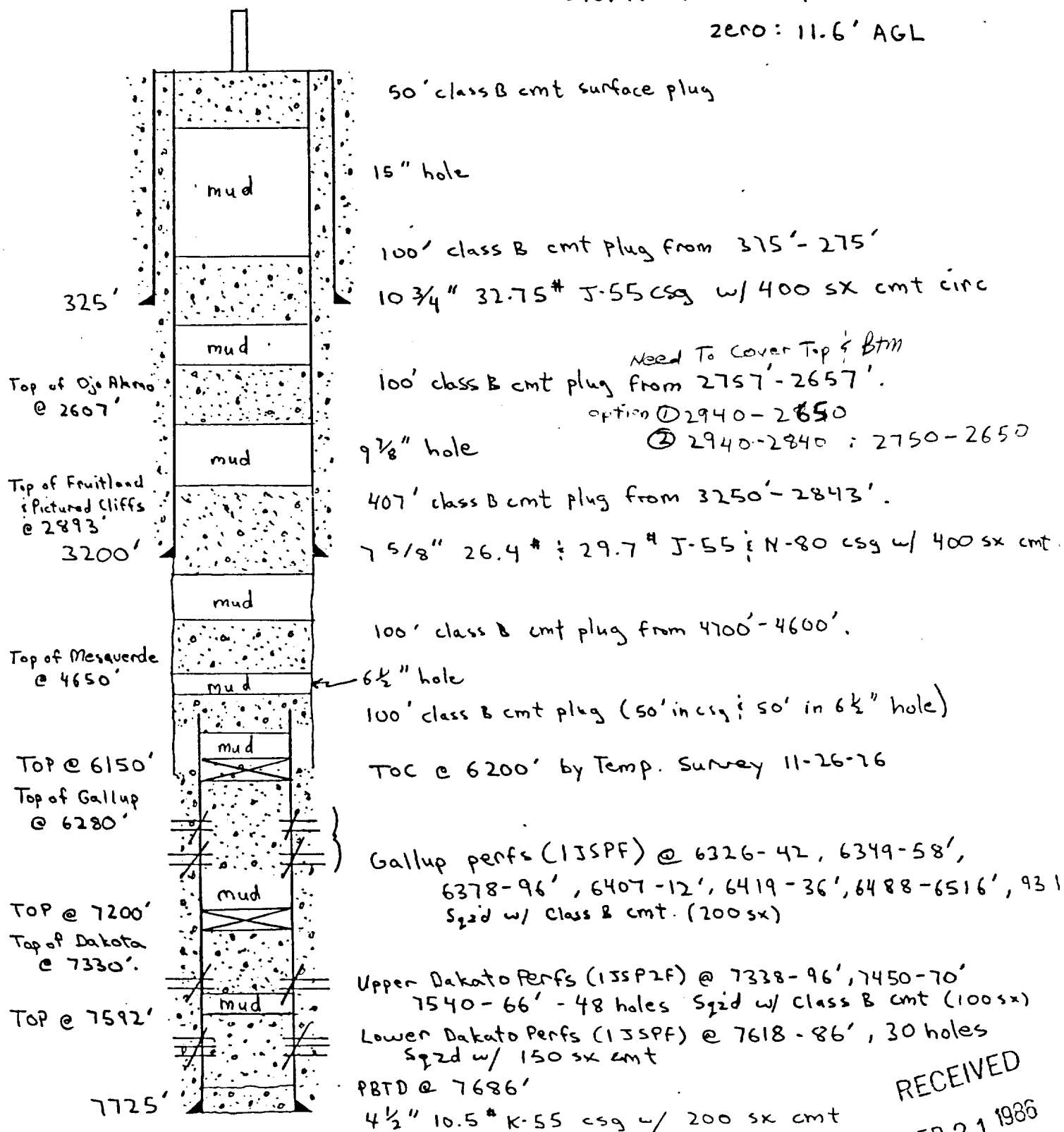
Lease: Jicarilla M Well No. 1 Date: 10-8-85

Location: M-513-T23N-R3W By: KA Carwile

Subject: Proposed well Completion

Elevation: GL: 7379'

zero: 11.6' AGL



RECEIVED  
FEB 21 1986  
PRODUCTION  
ACCTG.

