

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1084-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla 1168

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla M

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Lindrith Gallup-Dakota, West

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 13, T-23N, R-3W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

14. PERMIT NO.

JAN 21 1986

15. ELEVATIONS (Show whether DF, HT, GR, etc.)

7379 GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANE

(Other)

(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 BLM-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 6-1/2" 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

(OVER)

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

SIGNED

Nancy Jones

TITLE

Authorized Agent

DATE

1-17-86

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

APPROVED
AS AMENDED

FEB 10 1986

John Miller
M. MILLENBACH
AREA MANAGER

*See Instructions on Reverse Side

NMOCC

RECOMMENDED WORK PROCEDURELEASE Jicarilla M WELL NO. 1ANNULAR FLUID PRIOR TO WORKOVER wellbore fluids W/O FLUID TO BE USED mudWT. (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 Canville - Hobb (505-393-9186) 24 hrs before MIRU page 1 of 2

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 JS PF, 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 shoe, Fruitland,
& Pictured Cliffs zones from 3250'-2843'. If not, perforate 3250'-
3248' w/ 4 JS PF, 120° phasing. POH. RIH w/ cmt retainer and sqz perms
w/ class B cmt w/ cmt top @ 2843' inside & outside of 4 1/2" csg.

(cont'd)

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

WT. (LBS/GAL.) <u>9.5</u>	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 JSPP, 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 JSPP, 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

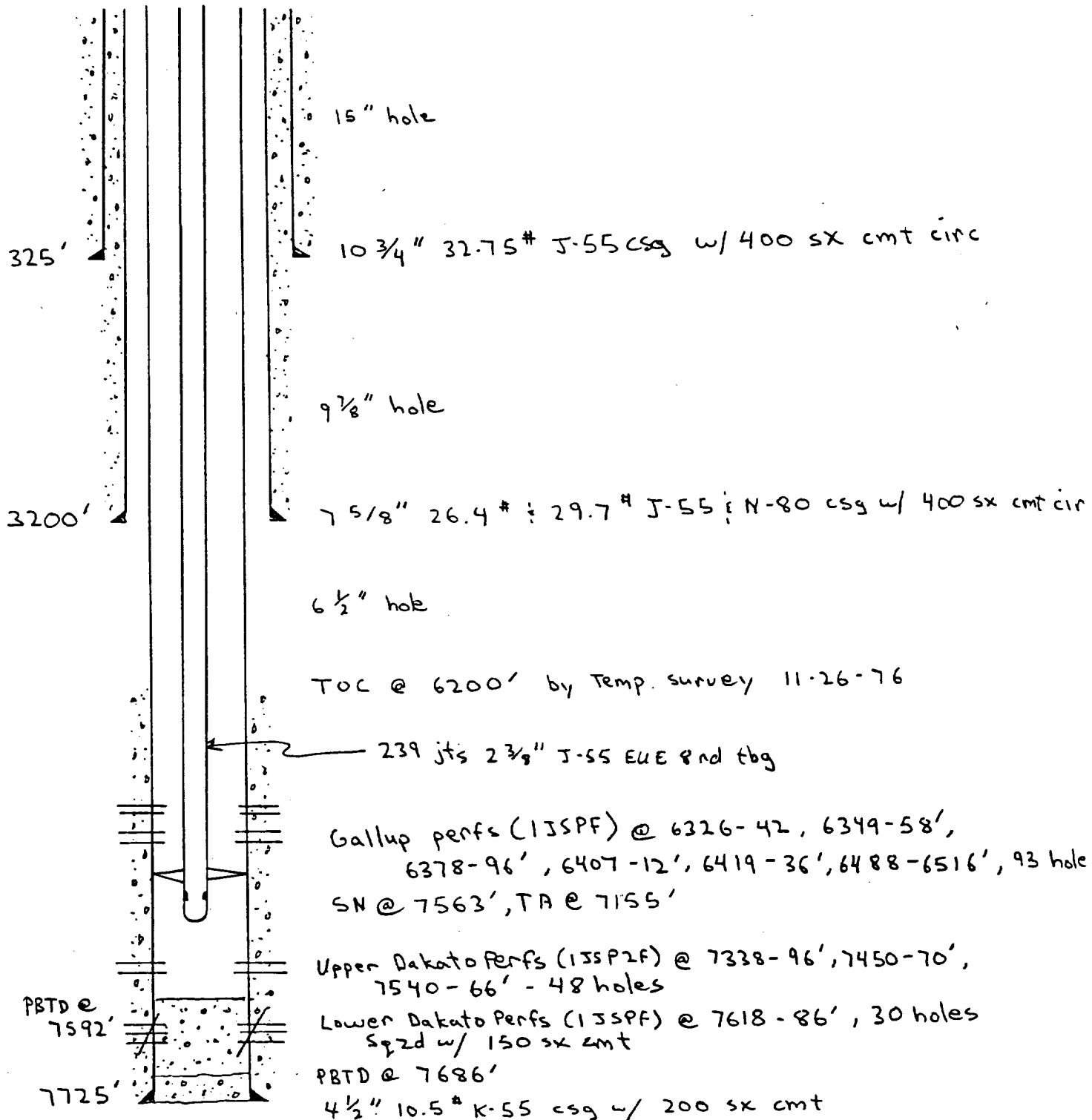
Lease: Jicarilla M Well No. 1 Date: 10-8-85

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

Subject: Present Well Completion

Elevation: GL: 7379'

zero: 11.6' AGL

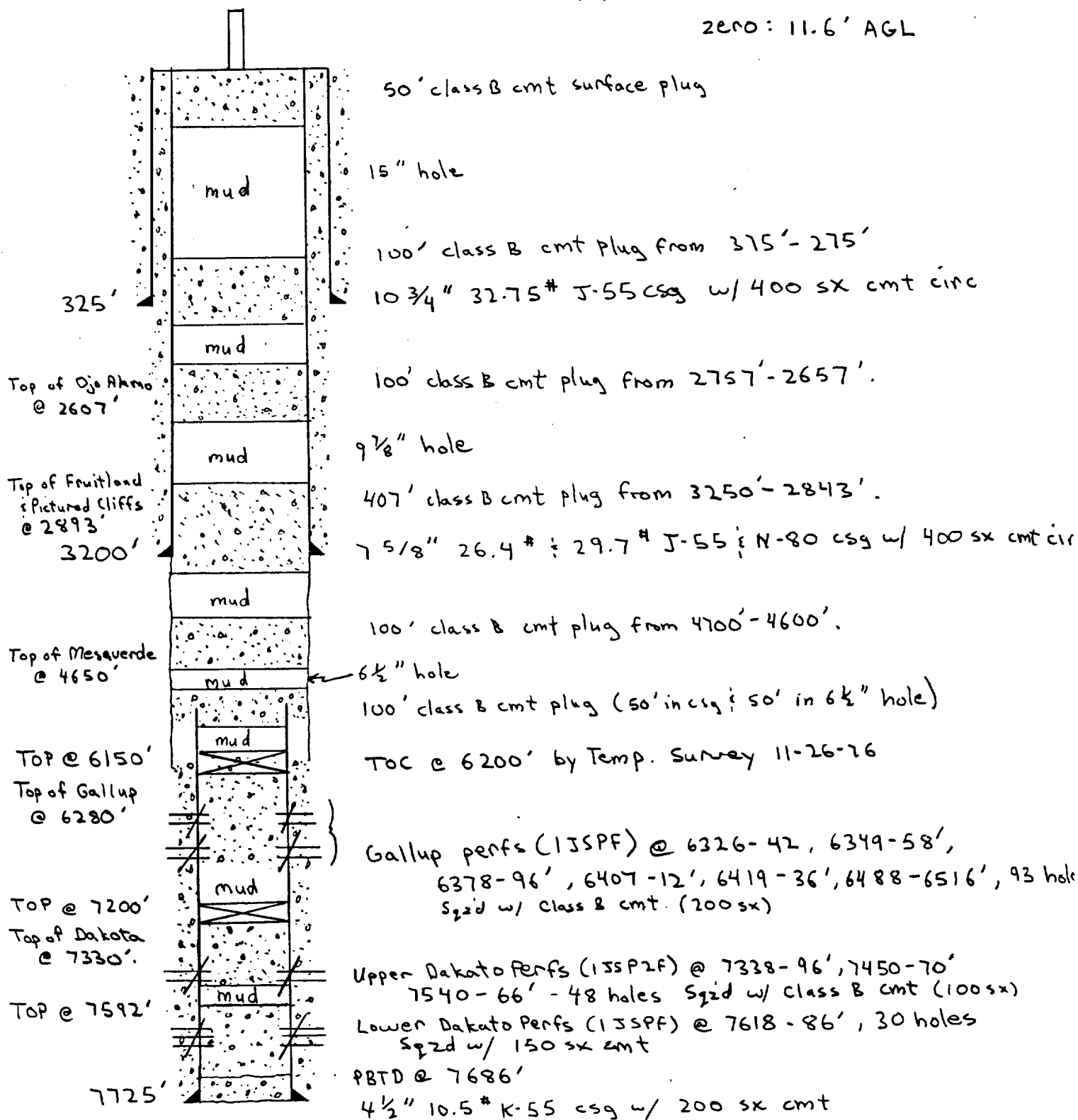


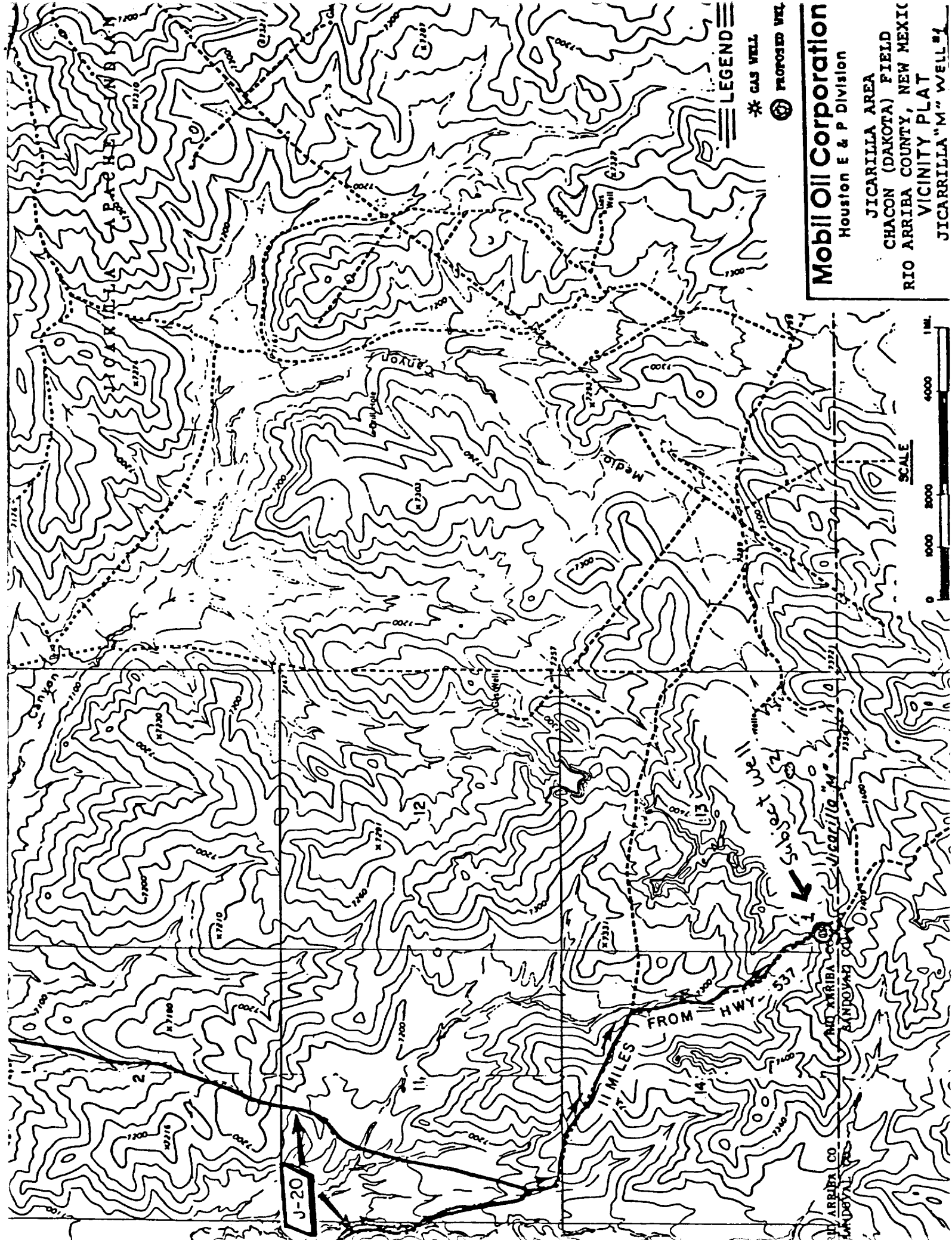
Lease: Jicarilla M Well No. 1 Date: 10-8-85

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

Subject: Proposed well completion

Elevation: GL: 7379'
zero: 11.6' AGL



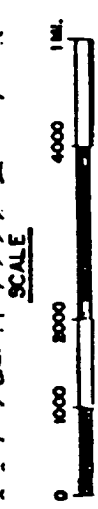


LEGEND

- * GAS WELL
- ⊙ PROPOSED WELL

Mobil Oil Corporation
Houston E & P Division

JICARILLA AREA
CHACON (DAKOTA) FIELD
RIO ARriba COUNTY, NEW MEXICO
VICINITY PLAT
JICARILLA "M" WELL #1



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

Attachment to Notice of
Intention to Abandon

Re: Permanent Abandonment

Well: 1 Sic. 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 over 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.

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL LEASES
FARMINGTON DISTRICT

1. Secure prior approval before changing the approved plugging program.
2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs.
3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations.
4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 25 sacks or 100 feet in length, whichever is greater.
5. Any cement plug placed when well is not full of fluid, or when well may be taking fluid, will be touched after cement has set to verify proper location.
6. Mud must be placed between plugs. Minimum consistency of plugging mud must be 9.2 lbs/gal. Brine is to be utilized for mixing mud where possible.
7. Within 15 days after plugging work is completed, file Subsequent Report of Abandonment, form 9-331, in quintuplicate with District Supervisor, U.S.G.S., Drawer 600, Farmington, New Mexico 87499-00600. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.
8. All permanently abandoned wells are to be marked with a permanent monument, on which has been stenciled or beaded the well name, well number, and well location by quarter-quarter, section, township, and range. The monument is to be of steel pipe, not less than four inches in diameter, cemented permanently in the ground, and extending four feet above general ground level. The top should be closed with a screw cap, welding, or a cement plug.
9. After plugging work is completed:
 - a. Fill all pits, rat hole and cellar.
 - b. Clean well location of all equipment, concrete bases, pipe, junk and trash.
 - c. Cut or remove tie downs.
 - d. If last well on lease, and no additional drilling is contemplated, fill tank battery pits, remove battery equipment, and clean and level battery location.
 - e. Accomplish surface restoration as specified by the surface management agency or land owner.

All above are minimum requirements: The Subsequent Report of Abandonment will not be approved and the period of liability under the bond of record terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.