

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RECEIVED
BLM
89 JUN 29 PM 1:10
070 FARMINGTON, NM

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

1. Type of Well: ☐ OIL WELL ☒ GAS WELL ☐ OTHER
2. Name of Operator
FOUR STAR OIL AND GAS COMPANY
3. Address and Telephone No.
3300 N. Butler Ave, Ste 100 Farmington NM 87401 325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter D : 790 Feet From The NORTH Line and 790 Feet From The
WEST Line Section 31 Township T25N Range R05W

5. Lease Designation and Serial No.
JIC 68
6. If Indian, Allottee or Tribe Name
JICARILLA
7. If Unit or CA, Agreement Designation
8. Well Name and Number
JICARILLA B
20
9. API Well No.
3003905766
10. Field and Pool, Exploratory Area
BASIN DAKOTA (PRORATED GAS)
11. County or Parish, State
RIO ARRIBA, NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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.)*

FOUR STAR OIL & GAS INTENDS TO PLUG AND ABANDON THE SUBJECT WELL. SEE ATTACHED PROCEDURES AND DIAGRAM.

RECEIVED
AUG 16 1999
OIL CON. DIV.
DIST. 3

99 AUG -2 PM 1:20
ALBUQUERQUE, N.M.

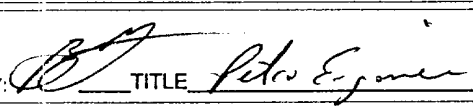
14. I hereby certify that the foregoing is true and correct.

SIGNATURE  TITLE Operating Unit Manager DATE 7/26/99

TYPE OR PRINT NAME Allen Davis

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:  TITLE Peter E. Jones DATE 8/12/99

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.

FRANK LOTIC - 505-759-3442
3485

PLUG AND ABANDONMENT PROCEDURE

ex. 1

JICARILLA B #20
DAKOTA
SEC. 31, T25N, R5W
RIO ARRIBA, NEW MEXICO

NOTE: ALL CEMENT VOLUMES USE 100% EXCESS OUTSIDE PIPE AND 50 FT. EXCESS INSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.3 ppg, SUFFICIENT TO BALANCE ALL EXPOSED FORMATION PRESSURES.

1. INSTALL AND TEST RIG ANCHORS. PREPARE BLOW PIT. COMPLY WITH ALL BLM, BIA, AND TEXACO E&P SAFETY RULES AND REGULATIONS. MOL AND RU DAYLIGHT PULLING UNIT. CONDUCT SAFETY MEETING FOR ALL PERSONNEL ON LOCATION. NU RELIEF LINE TO BLOW DOWN WELL; KILL WITH WATER AS NECESSARY.
2. POH AND LD RODS. ND WELLHEAD AND NU BOP AND STRIPPING HEAD; TEST BOP. UNSEAT SEAL ASSEMBLY AND POH AND TALLY 7021' OF 2 3/8" TUBING; VISUALLY INSPECT THE TUBING. IF NECESSARY LD TUBING AND PU WORK STRING.
3. **PLUG #1 (DAKOTA; 6800' - 7070')**: RIH WITH GAUGE RING TO 6900'. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 6900'. CIRCULATE HOLE CLEAN WITH WATER. PRESSURE TEST CASING TO 500 PSI. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 45 SX CL. B CEMENT, PLACING 35 SX BELOW AND 10 SX ABOVE RETAINER.
4. **PLUG #2 (GALLUP; 5854' - 6004')**: PUH TO 6004'. BALANCE 16 SX CL. B CEMENT PLUG TO COVER GALLUP TOP. POH.
5. **PLUG #3 (CLIFF HOUSE; 4098' - 4248')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 4248'. PU AND RIH WITH RETAINER AND SET AT 4198'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 80 SX CL. B CEMENT PLUG, PLACING 70 SX BELOW AND 10 SX ABOVE RETAINER.
6. **PLUG #4 (D.V. TOOL; 3646' - 3796')**: PUH TO 3796'. BALANCE 15 SX CL. B CEMENT PLUG TO COVER D.V. TOOL.
7. **PLUG #5 (PICTURED CLIFFS; 2533' - 2683')**: PUH TO 2683'. BALANCE 15 SX CL. B CEMENT PLUG TO COVER P.C. TOP.
8. **PLUG #6 (KIRTLAND, FRUITLAND; 2320' - 2470')**: PUH TO 2470'. BALANCE 15 SX CL. B CEMENT PLUG TO COVER KIRTLAND TOP. POH.
9. **PLUG #7 (OJO ALAMO; 1940' - 2090')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 2090'. PU AND RIH WITH RETAINER AND SET AT 2040'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 80 SX CL. B CEMENT, PLACING 70 SX BELOW AND 10 SX ABOVE RETAINER. POH.
10. **PLUG #8 (NACIMIENTO; 810' - 960')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 960'. PU AND RIH WITH RETAINER AND SET AT 910'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 80 SX CL. B CEMENT PLUG, PLACING 70 SX BELOW AND 10 SX ABOVE RETAINER. POH.
11. **PLUG #9 (SURFACE; 0' - 348')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 348'. ESTABLISH CIRCULATION TO SURFACE WITH WATER OUT THE BRADON HEAD. MIX APPROXIMATELY 161 SX TO CIRCULATE CEMENT TO SURFACE.
12. ND BOP, DIG CELLAR, AND CUT OFF WELL HEAD BELOW SURFACE CASING FLANGE. INSTALL DRY HOLE MARKER. RD. MOL AND CUT OFF ANCHORS. RESTORE LOCATION PER BLM

JICARILLA B #20

CURRENT

SEC. 31, T25N, R5W

TODAYS DATE: 04-05-99

RIO ARRIBA, NM
DAKOTA

SHOE @ 298'

10 3/4", 32.75# SET @ 298'
CMT W/ 300 SX, CIRCULATED

NACIMIENTO @ 910'

2 3/8" TO 7021'

OJO ALAMO @ 2040'

HOLE SQUEEZED 2198' - 2632' W/ 200 SX
HOLE SQUEEZED 2427' - 2472' W/ 178 SX
TOC @ 2600'

KIRTLAND/FRUITLAND @ 2420'

PICTURED CLIFF @ 2633'

8 3/4" OH

DV TOOL @ 3746'

CLIFFHOUSE @ 4198'

TOC @ 4960'

GALLUP @ 5954'

PERFORATIONS @ 6012' - 6091'
SQUEEZED W/ 100 SX

BAKER MODEL D @ 7016'

DAKOTA @ 6908'

PERFORATIONS @ 7040' - 7070'

5 1/2", 20 & 23# SET @ 7211'
CMT IN 2 STAGES W/ 800 SX

PBTD @ 7179'

JICARILLA B #20

PURPOSED

SEC. 31, T25N, R5W

RIO ARRIBA, NM

DAKOTA

TODAYS DATE: 04-05-99

SHOE @ 298'

NACIMIENTO @ 910'

OJO ALAMO @ 2040'

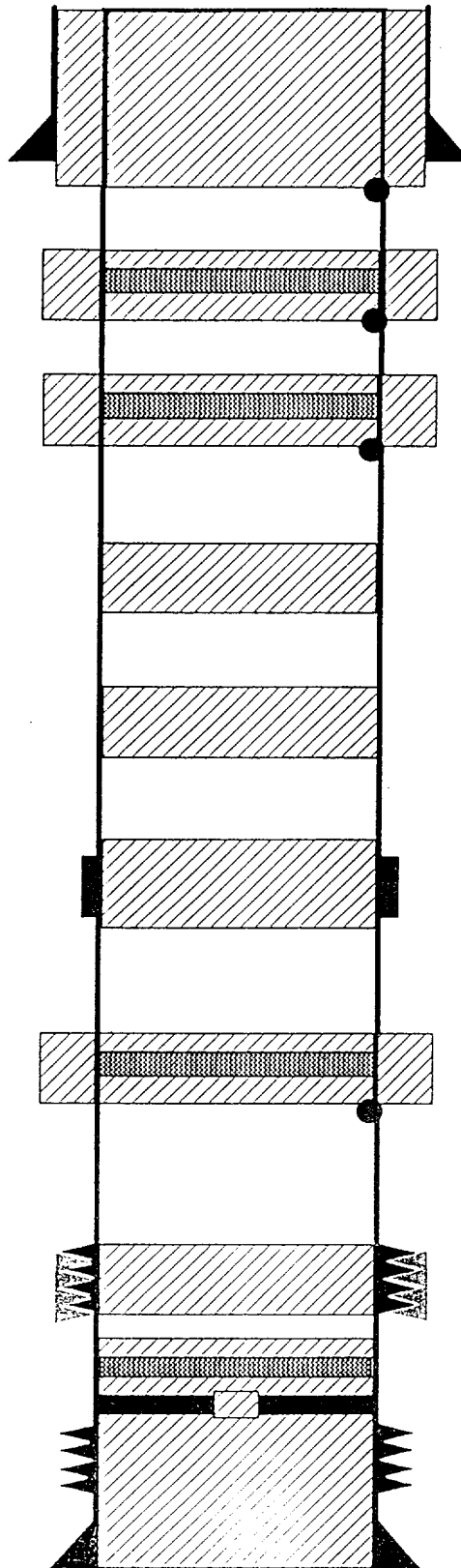
KIRTLAND/FRUITLAND @ 2420'

PICTURED CLIFF @ 2633'

CLIFFHOUSE @ 4198'

GALLUP @ 5954'

DAKOTA @ 6908'



PBTD @ 7179'

PLUG #9 (SURFACE; 0' - 348'): CMT W/ 161 SX CL. B

10 3/4", 32.75# SET @ 298'
CMT W/ 300 SX, CIRCULATED

PERFORATE @ 348'

PLUG #8 (NACIMIENTO; 810' - 960'): CMT W/ 80 SX CL
RETAINER @ 910'
PERFORATE @ 960'

PLUG #7 (OJO ALAMO; 1940' - 2090'): CMT W/ 80 SX
RETAINER @ 2040'

PERFORATE @ 2090'

HOLE SQUEEZED 2198' - 2632' W/ 200 SX

PLUG #6 (KIRTLAND, FRUITLAND; 2320' - 2470'):
CMT W/ 15 SX CL. B

HOLE SQUEEZED 2427' - 2472' W/ 178 SX

PLUG #5 (P.C.; 2533' - 2683'): CMT W/ 15 SX CL. B
TOC @ 2600'

8 3/4" OH

PLUG #4 (D.V. TOOL; 3646' - 3796'): CMT W/ 15 SX CL
DV TOOL @ 3746'

PLUG #3 (CLIFF HOUSE; 4098' - 4248'): CMT W/ 80 SX
RETAINER @ 4198'

PERFORATE @ 4248'

TOC @ 4950'

PLUG #2 (GALLUP; 5854' - 6004'): CMT W/ 16 SX CL. E
PERFORATIONS @ 6012' - 6091', SQUEEZED W/ 100 S

PLUG #1 (DAKOTA; 6800' - 7070'); CMT W/ 45 SX CL
RETAINER @ 6900'

BAKER MODEL D @ 7016'

PERFORATIONS @ 7040' - 7070'

5 1/2", 20 & 23# SET @ 7211'
CMT IN 2 STAGES W/ 800 SX

CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Texaco (aka Four Star) Well Name Jic 68 B #20

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Bryce Hammond with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3485, ext 25.

3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made : NA



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Albuquerque Field Office
435 Montano Rd. N.E.
Albuquerque, New Mexico 87107- 4935
www.nm.blm.gov



IN REPLY REFER TO:

3162.3-4 (017)

Jicarilla Contract 68

Jicarilla B #20

AUG 12 1999

Four Star Oil and Gas Company
3300 N. Butler Ave.
Farmington, NM 87401

Attention: Ted Tipton

Dear Mr. Tipton:

The following conditions of approval must be complied with (as applicable) before the B # 20 well located 790' FNL & 790' FWL Section 31 T. 25 N., R. 5 W. can be approved for final abandonment.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location.
2. Any oily soil or fluids must be properly disposed of in an approved disposal area.
3. Pits must be filled in and the edges of the pads shaped to conform to the natural terrain.
4. Pads must be leveled, dressed up by a maintainer, ripped and disked.
5. Access roads must be leveled, waterbarred, disked and blocked off with earthen berms at the at the junction with the main road and at the entrance to the well pad. Waterbars should be spaced as shown below.

% Slope	Spacing Interval
Less than 2%	200'
2 to 5%	150'
6 to 9%	100'
10 to 15%	50'
Greater than 15%	30'

All waterbars should divert water to undisturbed ground.

6. All disturbed areas will be seeded with the prescribed seed mix (Reseeding may be required). Reseeding should be done using pounds pure-live seed per acre. To avoid the introduction of noxious weeds, use only certified seed. The following seed mix is suggested unless otherwise recommended by the BIA, Jicarilla Agency, Real Property Office.

Smooth Brome	2
Nomad Alfalfa	2
Indian Ricegrass	2
Western Wheatgrass	2
Fourwing Saltbush (dewinged)	1

After one growing season, notify us by Sundry Notice of Final Abandonment. We will schedule an inspection to check the well site and surface restoration. Final approval for surface restoration will be given in concurrence with the BIA, Jicarilla Agency, Real Property. If you have any questions, please contact me at (505) 761-8786.

Patricia M. Hester

Surface Protection/Geologist

cc: Harold TeCube, Real Property BIA
PO Box 167
Dulce, New Mexico 87528
Well File

