

DISTRIBUTION	
DATE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-2287	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
1. Type of Work			
1. Type of Well: DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> 2. Type of Well: <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 3. Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>			
2. Operator			
FEATHERSTONE DEV. CORP.			
3. Address of Operator			
1717 W. Second Street, Roswell, New Mexico 88201			
4. Section, Township, Range, Meridian			
5. Section: 1980 6. Township: FNL 7. Range: 19 8. Meridian: 17 S RGL 36 E NMPM			
9. Well No.			
1			
10. Field and Pool, or Well Unit			
Vacuum Abo			
11. County			
Lea			
12. Proposed Depth			
19A. Formation			
San Andres			
20. Rotary or C.T.			
Pulling Unit			
21. Elevations (Show whether DE, RT, etc.)			
GL. 3895			
21A. Kind & Status Plug. Bond			
State			
21B. Drilling Contractor			
Pulling Unit-Workover			
22. Approx. Date Work will start			
8-8-78			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
7 7/8	5 1/2"				

Propose to Re-complete as follows:

1. Move in pulling unit - rig up - install B.O.P.: Pull rods and tubing.
2. RIH w/CIBP and set @ 8650': Spot 35' Class H Cement on top of plug with dump bailer.
3. Use Dresser/Atlas: Run Gamma Ray/Collar Log/Bond Log from 5200' to 3500'.
4. Perforate 4650-64 W/l JSPF: Perf. from PGAC Acoustic-GR Log dated 4/7/64.
5. RIH w/2 7/8" tubing and packer. Test tubing to 4000 PSI and spot 1 barrel acid from 4664' to 4622'. Pull up, set packer at 4610' and treat with 1000 gal. 15% acid W/DS-30 with XR-2 additive. Will use Western Co. and a matrix treatment. Swab back to determine fluid entry.
6. Release and pull packer.
7. RIH W/TBG. and rod. P.O.P.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed John R. Ryan Title AGENT Date 8-1-78

(This space for State Use)

APPROVED BY John R. Ryan TITLE Geologist DATE AUG 3 1978