

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

FEDERAL NM01189A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR		BIG EDDY UNIT	
3. ADDRESS OF OPERATOR		8. FARM OR LEASE NAME	
P. O. BOX 2760, MIDLAND, TEXAS 79702			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		9. WELL NO.	
660' FSL; 1980' FEL		7	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT	
		MAROON CLIFFS MORROW	
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
3529' GL		Sec. 19, T20S, R31E	
		12. COUNTY OR PARISH	13. STATE
		EDDY	NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

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

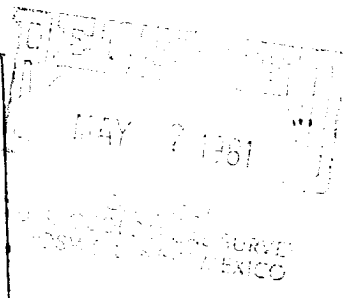
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached sheets

APPROVED

MAY 15 1981

JAMES A. GILLHAM
DISTRICT SUPERVISOR



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

SIGNED Janeen Judah

TITLE Petroleum Engineer

DATE 5/4/81

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

BIG EDDY UNIT #7 (MORROW)

1/8/81

RU swab. Tubing pressure 500 psi. Casing pressure 100 psi.
Fluid Level 2600' FFS. Swab 22 runs to 8000' FFS. SDON. Rec 50 BLW.

BIG EDDY UNIT NO. 7 (MORROW)

1/19/81

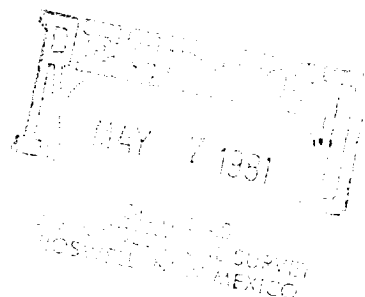
SITP 200 PSI, SICP 90 PSI. FL 7000' FFS. Swabbed 12 runs - 48 BW.
FL to 7500' FFS. Prep to swab.

BIG EDDY UNIT #7 (Morrow)

1/10/81

SITP 200 PSI. SICP 100 PSI. Blew down, fluid level
@ 7500', made 10 swab runs. Final fluid level @ 800'.
RU kill truck, pump 150 bbls, 2 FGL wtr down annulus.
RIH w/swab, fluid level @ 1800' (per communication).
Prep to move unit to BEU #65. Dropped from Report until
further activity.

CUM COST \$28,000



BIG EDDY UNIT #7

12/31/80

RU PU. Kill well with 40 bbl 2% KCl FW. Bled pressure off annulus from 600 psi to zero, flowed a little oil. Pumped 90 bbls 2% KCl FW into annulus and did not fill. RD X-mas tree. PU tbg removed hanger. Added 6' pup to tbg string. Landed hanger 30,000# on R-3 packer. NU tree. RU McCullough, RIH with 1 3/4" GR-CCL. Could not pass SN POH & RIH with 1 3/8" GR-CCL & logged PBTD 13,146' to bottom of packer @ 12,613'. POH with tools. SDON. Prep to pressure backside and perf Morrow.

CUMULATIVE COST \$2,000

BIG EDDY UNIT #7

12/31/80

SITP 200 psi, SICP 250 psi. Pumped 30 bbls 2% KCl fresh water into annulus & loaded annulus. Pressured annulus to 1500 psi. Bled to 1300 psi in 2 min. Repressured to 1600 psi & broke to 0 psi - annulus on vac. Rigged up McCullough & ran 1 9/16" SSB-II decentralized gun. Set down @ 9313'. PCOH with gun. Pumped 25 bbls 2% KCl fresh water down tubing. Reran perf gun & set down @ 5300'. Pulled perf gun - SDON.

1/1/81

Shut down for New Years Day.

1/2/81

SITP-vac, SICP 250 psi. RU Knox Well Service. Pumped 20 bbls 2% KCl FW down annulus. Removed tree & installed BOPE. Picked up tbg 6'. RU McCullough & ran 1 9/16" SSB-II decentralized gun with 1 11/16" locator. Set down @ 10,724'. Could not work thru tight spot. Pulled perf gun. Picked up tbg additional 1 1/2'. Reran perf gun & set down @ 10,724'. Pulled perf gun. Ran 1 7/8" No-Go with swab bars on swab line to 11,000'. Reran perf gun and set down @ 12,634' (SN). Could not work thru SN. Puller perf gun. RD McCullough. SDON.

CUMULATIVE COST \$17,400

1/3/81

Operation SD. Check for 1 3/8" perf gun with locator & decentralizer.

1/4/81

SD Sunday.

1/5/81

Prep to perf w-th Schlumberger.

BIG EDDY UNIT #7 (MORROW)

1/6/81

Shut down for lack of supervision. Prep to perf this AM.

BIG EDDY UNIT # 7 (MORROW)

1/7/81

RU Schlumberger, RD BOP & install tree. RU lubricator, run in hole w/1-3/8" hyper-jet II perforating gun. Perforate one shot @ the following depths 12,797', 12,801', 12,803', 12,857', 12,909', 13,022', 13,025', 13,029', 13,071', 13,073' (6 runs- one misrun). Correlated to (10 shots) McCullough GR-CCL dated 12/31/80. Prep to acidize.

CUMULATIVE COST \$24,000

RECOMMENDED PROCEDURE
BIG EDDY UNIT NO. 7
MAROON CLIFFS (MORROW) FIELD
EDDY COUNTY, NEW MEXICO

1. RUPU. Install dual hydraulic BOPE with 2-3/8" pipe rams and blind rams on bottom. Bleed off pressure and kill well if necessary with 2% KCl water.
2. Unseat Baker Model "R" packer. POOH with packer and tubing.
3. RU Kuykendall Wireline or equivalent. Make gauge ring run on wireline to determine casing size. If 17#, use Brown permanent packer (see sketch); if 20#, use Otis "WB" permanent packer (see sketch).
4. RIH with packer and set at $\pm 12,545'$. RD Wireline.
5. RIH with tubing, hydrotesting to ± 8000 psi. Circulate hole with 2% KCl water containing 1 gal/1000 gals Corban 326, 1 lb/1000 gals M-129, and 1 gal/1000 gals bactericide 300 or equivalent. Sting into packer and set down 10,000#. ND BOPE. NU tree.
6. RU Dowell. Install tree saver. Pressure annulus to 2000 psi. Acidize with 5000 gals 7-1/2% MSR-100 acid containing 4 gals/1000 gals A-200 corrosion inhibitor and 1.5 gals/1000 gals J-321 friction reducer as follows:
 - A. Pump 1000 gallons acid.
 - B. Pump 4000 gallons acid, dropping 0.9 specific gravity ball sealers every 55 gals (72 total).
 - C. Flush with 50 bbls 2% KCl water containing 2 gals/1000 gals L-53 clay stabilizer, 1.5 gals/1000 gals J-321 friction reducer and 2 gals/1000 gals F-78 silt suspender.

Do not exceed 9000 psi tubing pressure. If ball out occurs, surge balls off and continue acid job.
7. Shut in 15 minutes. Obtain ISIP and 5 minute SIP. RD Dowell.
8. Flow back well to clean up. Swab if necessary. Leave packer in 10,000# compression.
9. Return well to production.

