

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

JIC 69

6. If Indian, Allottee or Tribe Name

Jicarilla Tribal #15

7. If Unit or C/A Agreement, Name and/or No.

8. Well Name and No.

Apache Federal #15

9. API Well No.

30-039-60125

10. Field and Pool, or Exploratory Area

Ballard Picture Cliff

11. County or Parish, State

Rio Arriba Co, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

3 TEC Energy Corporation (Floyd Oil Company)

3a. Address

700 Milam St., suite 1100
Houston, TX 77002-2815

3b. Phone No. (include area code)

(713) 821-7100

4. Location of Well (Feeage, Sec., T., R., M., or Survey Description)

990' FNL, 990' FWL (SE NW NW)
Section 7-24N-5W NMPM**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☒ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent measures and zones. Attach the Road under which the work will be performed or provide the Road No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

12/3/01 MIWSU and equipment
 12/4/01 Identified casing leak 228'-260'
 12/5/01 Cemented csg leak with 84 SX ClassIII cement, circulated cement to surface
 12/6/01 WOC
 12/7/01 Drilled out cement, pressure tested casing 600psi, using chart recorder, held, no bleed-off
 12/8/01 Pulled RBP, Checked perfs for fill, lay down tbg
 12/9/01 160 ONSICP, ran 2,262' 1.666"OD tubing, returned well to sales, 71 MCFGD rate, 105 SICP, 0 Bradenhead

14. I hereby certify that the foregoing is true and correct
 Name (Printed/Typed)

Steve Wilson

Title Operations Supervisor

Signature

Steve Wilson

Date

12/14/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Land and Mineral Division

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

TOTAL P.02

Casing repair
Apache Federal #15
Rio Arriba Co, NM

12/3/01 MIRU Triple P WSU and equipment. NDWH, NUBOP, surface csg 80 psi, blew down with tbg and production csg. Started pulling tbg, found 1 1/2" tbg not 2 3/8" tbg, SDFN, WO handling tools for 1 1/2" tbg and rental 2 3/8" tbg.

12/4/01 Pull 71 jts, 2,326' 1 1/2" tbg, no SN, ran Baker RBP and tension Pkr and 2 3/8" - tbg, set RBP @ 2,258', pull one jt tbg, set pkr, test RBP 1,000 psi, held, worked up csg making pkr settings testing csg 1000 psi, identified csg leak between 228' - 260', csg above 228' held 1000 psi, full circulation to surface out csg leak, pulled pkr and tbg, SDFN. Dumped 2 sacks sand on RBP.

12/5/01 Ran 1 jt and 8' tbg sub, RU BJ Services, establish circulation to surface with water, pumped 18 bbls slurry, 430 psi, 2 BPM, full cement returns to surface, SD, wait 10 min, pumped 3 bbls slurry, displaced cement in csg to 1 bbl slurry above top of csg leak @ 228', 62' cement in csg above 228', total class III cement pumped - 84 sacks + 200 lbs Ca Cl, RD and release BJ Services, WO cement 3 hrs, pulled tbg and SDFN.

12/6/01 WOC 26 hrs, ran 4 - 3 1/16" drill collars, 3 7/8" bit, 2 jts 2 3/8" tbg, tagged cement @ 153', drilled 6' ratty cement, SDFN. Drill out and pressure test 12/7/01.

12/7/01 WOC 46 hrs, drilled hard cement to 259', drilled-out, pressure tested csg 600 psi for 30 min using chart recorder, held, no bleed-off. Pulled tbg and drill collars and SDFN. Note: 0 psi surface csg (braden head) pressure while pressuring production csg.

12/8/01 Ran tbg and OS, circulated trash and sand off RBP, swab down csg, latched and released RBP, strong gas blow to surface, lowered tbg to 2,392', 52' below bottom perf, no fill, perfs clear, pull and lay down rental tbg, drill collars and RBP on truck. Well unloading while pulling tbg. SDFN.

12/9/01 160 ONSICP, blow-down, no fluid to surface, good continuous gas blow, ran new SN, 69 jts, 2262', 1.666" OD, T&C tbg, 1.286" ID, SN - 1.0625" ID, EOT 2268' KB, NDBOP, NUWH, released WSU and equipment, hauled water off flow tanks, cleaned location, turned well to sales line @ 1 PM, initial flow rate 177 MCFGD, 77 FTP, no fluid production, estimate lost 6 BW in perfs from WO. After 5 hrs, stabilized flow rate 71 MCFGD, 76 FTP, 28.9 diff, 1/2" plate, 0 BWD, 105 SICP, open choke.

WELLBORE SCHEMATIC

Well Name:
Field:
Reservoir:

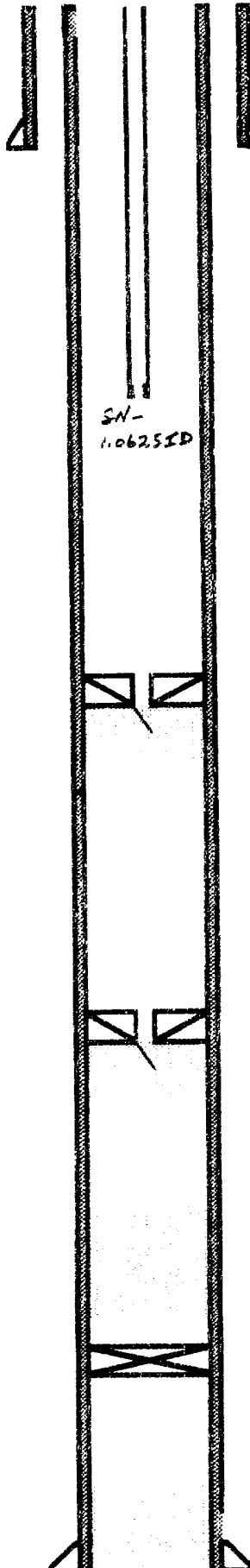
APACHE FEDERAL #15

County: RIO ARriba
Location: S7-T24N-R5W

KB: 6546'
GL: 6535'

Drilling Summary:

API # 30-039-60125



8-5/8" 24# @ 216'
CMT'D W/250 SX.

CSG LEAK @ 228'-260'
CMT'D W/84 SX 12/05/01

1.666" TBG. @ 2262'

PROD. PERFS: 2272-90'
2316-28'
2334-40'

D.V. TOOL @ 2460'
CMT'D W/ 150 SX.

CMT. RET. @ 3705'

PERF: 3860' CMT'D W/40 SX.

CSG. LEAK @ 4101-215'
SQZ'D W/500 SX. OUT

CMT. RET. @ 4409'

PERF: 4538' CMT'D W/40 SX.

CSG. LEAK @ 5253-82'
SQZ'D W/ 38 SX. OUT

30 SK. PLUG 5379-5767'

CIBP @ 6619' W/25 SX. ON TOP

PROD. PERFS: 6678-6700'
6705-35'
6744-48'

PBTD @ 6818'

4-1/2" 11.6# @ 6878'
CMT'D W/397 SX.