

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR
Mallon Oil Company

3. ADDRESS OF OPERATOR
2750 Security Life Building, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
790' FNL & 790' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether on N. or S. side)
7648' G.L.

5. LEASE DESIGNATION AND SERIAL NO.
NM 40646

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Fisher Federal 2

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Basin Dakota-Undes. Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 2, T25N, R2W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

RECEIVED
MAY 24 1985

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other) Drilling	<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.

RECEIVED
MAY 29 1985
OIL CON. DIV.
DIST. 3

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

SIGNED Karin H. M. 40646 TITLE Agent DATE 5-23-1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

MAY 28 1985

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA
BY E. 44

MALLON OIL COMPANY

Fisher Fed #2-1
Sec. 2, T25N, R2W
790' FNL & 790' FEL
Rio Arriba County, NM

- 4-19-85 Spud well @ 9:45 p.m. 4/18/85. Drill 273' of 12½" surface hole. Ran 6 jts 9-5/8" 36#/ft surface casing (258 ft.). Set at 271 ft. RKB. Cemented surface casing with 171 ft³ (145 sx) Class B cement with 2% CaCl₂. Circulated cement to surface. WOC 12 hours.
- 4-20-85 1432'. Tripping for bit. Mud wt. 8.4; Visc. 30; W.L. 8.4. Deviations: 1½° @ 500', 3/4° @ 756', 3/4° @ 1003', 3/4° @ 1251', 1½° @ 1406'. Drilled 1159'.
- 4-21-85 Drilling @ 2732'. Mud wt. 8.5; Visc. 30; W.L. 9.0. Deviations: 3/4° @ 1625', 1-3/4° @ 1875', 2½° @ 2127', 2½° @ 2375', 2½° @ 2564'. Lost 75 bbls mud @ 2573', regained circulation immediately.
- 4-22-85 Depth - 3606'. Wait on LCM material. Mud Wt. 8.6; Visc. 30; W.L. 8.8. Deviations: 1½° @ 3061', 2½° @ 2815', 1½° @ 3315'. Lost 350 bbls total fluid @ 3575', 3593' & 3606'. Mix 3 LCM pills have not regained full returns. Will regain returns & lose circulation again.
- 4-23-85 Fighting lost circulation. Lost 1800 bbls of mud.
- 4-24-85 Rigging up Halliburton to squeeze.
- 4-25-85 With drillpipe @ 3692' - spotted 10 bbls CaCl₂ water, 5 bbls H₂O, 20 bbls flo check, drillpipe on strong vacuum. Pulled 10 stands of drillpipe to 3080'. Pumped 10 bbls H₂O. Pumped 427.5 ft³ (250 sx) Class B cement with 10% CalSeal, 3% gel, 2% CaCl₂, 6½#/sx gilsonite, & ½#/sx flocel. (76 bbls slurry). Weight 14 ppg & 1.71 cf/sx yield. Pumped 5 bbls of water followed with 34 bbls of mud. Average rate 5 BPM. No pressure while pumping. Drillpipe on strong vacuum when shut down. Pulled drillpipe out of the hole. W.O.C. Drilled bridges @ 30613409'. Drilled cement 34093626. Lost circulation. Mud wt 8.6, Visc 50, W.L. 15.
- 4-26-85 Stuck pipe @ 2963'. Unable to break circulation. Slow pump rate down drillpipe @ 700 psi. Put 80 bbls of crude oil down backside as well would take it. Freepoint drillpipe @ 1073' at 8:00 p.m. Jarred on drillpipe with surface jars. Free pointed drillpipe again at 1263'. Trying to back off at 1263'. Mud wt 8.6, Visc 40, W.L. 6.0.
- 4-27-85 Backed off drillpipe at 1253'. Recovered 20 stands of drillpipe. Ran drillpipe back in the hole with 12 - 6½" drillcollars & 8-3/4" bit. Cleaned out bridges and fill from 767' to top of fish at 1253'. Circulated hole & conditioned mud for 4½ hours. Tripped out of hole. Picked up wash over

shoe, 6 jts of 8-1/8" wash over pipe & jars and tripped back in the hole. Hole got a little tight at 1125'. Washed down to top of fish at 1253'. Washed over fish and washed down to 1439'. Circulated 1 hour. Tripped out of the hole. Tripped back in the hole with screw in sub, jars, bumper sub and drillcollars. Screwed into top of fish. Ran freepoint tools. Mud wt 8.3, Visc 55, W.L. 4.0.

- 4-28-85 Ran wireline spudding tools in drillpipe and worked down to 2906'. Tools trying to stick @ 2906'. Pulled spudding tools out of hole. Ran free point tools. Pipe free at 1411'. Pipe stuck @ 1432'. Backed off drillpipe @ 1411' and recovered 5 joints of drillpipe. Ran washpipe in the hole to top of fish @ 1411'. Washed over fish to 1596'. Circulated 1½ hours. Pulled washpipe out of hole. Ran screw in sub, bumper sub and jars and screwed into fish @ 1411'. Jarred on fish. Fish very solid. Ran wireline spudding tools to 2607'. Could not spud through bridge in collars @ 2607'. Ran freepoint tools. Drill pipe is free @ 1598' and stuck @ 1629'. Backed off drillpipe @ 1598'. Recovered 6 jts (187.60') of drillpipe. Ran 6 jts of wash over pipe in the hole to top of fish @ 1596'. Washed over fish to 1782'. Circulated 1 hour. Mud wt 8.4, Visc. 54, W.L. 4.0.
- 4-29-85 Pulled washpipe out of hole. Ran drillpipe with tools & screwed into fish @ 1596'. Ran wireline spudding tools to 2491' and couldn't spud any deeper. Ran freepoint tools and found freepoint in drillpipe @ 1777'. 50% free @ 1786'. 100% stuck @ 1817'. Backed off drillpipe @ 1786' and recovered 6 jts (188') of 4½" drillpipe. Ran washpipe back in the hole to top of fish @ 1786'. Washed over fish to 1971'. Circulated 1 hr. Pulled washpipe out of the hole. Ran screw in sub, jars, bumper sub, and drillcollars to top of fish @ 1786'. Screwed into fish. Jarred and bumped on fish and it is very solid. Ran wireline spudding tools to 2417' and could not spud any deeper. Ran freepoint tools. Pipe is free @ 1973'. 100% stuck @ 2009'. Backed off @ 1973. Mud wt 8.5, Visc. 54, W.L. 4.4.
- 4-30-85 Pulled out of hole. Recovered 6 jts of 4½" drillpipe (185.19'). Ran washpipe back in hole to top of fish @ 1973'. Washed over fish to 2156'. Circulated 1½ hours. Pulled washpipe out of hole. Ran screw in sub, bumper sub and jars back in hole and screwed into fish @ 1973'. Ran wireline spudding tools to 2370' and could not spud any deeper. Free pointed pipe and found free point @ 2157'. Pipe is 100% stuck @ 2188'. Backed drillpipe off @ 2157'. Pulled out of the hole & recovered 6 jts of 4½" drillpipe (184.31'). Started running washpipe in hole. Mud wt 8.5, Visc 57, W.L. 3.6.
- 5-1-85 Ran washpipe to top of fish @ 2157'. Washed over fish to 2343'. Pulled washpipe out of the hole. Ran screw in sub, bumper sub, and jars to top of fish @ 2157' and screwed in. Ran wireline spudding tool to 2394'. Ran free point tools and found free point in drillcollars @ 2375'. Could not free point any deeper because of fill inside collars. Pulled out of the hole. Recovered 6 jts heavy wt. drillpipe and 1 6½" drillcollar (217.04'). Tripped in the hole with 8-3/4" bit and cleaned out to top of fish at 2374'. Had 35' of fill on top of fish. Circulated 2 hours. Pulled out of hole with bit. Started back in the hole with washpipe. Mud wt 8.5, Visc 57, W.L. 3.8.

5-2-85

- 5-2-85 Ran wash pipe in hole to top of fish @ 2374'. Worked washpipe on top of fish 4 hours and could not get over fish. Pulled out of hole. Wash over shoe worn out. Ran washpipe back in hole with new shoe. Still unable to get over fish. Pulled out of hole. Left cut lip shoe in the hole. Ran back in hole with 2 jts 4½" drillpipe, screw in sub, bumper sub, jars and 12 drillcollars. Screwed into top of fish @ 2374' with 4½" drillpipe. Pipe torqued up okay and pulled 50,000 over string wt. and held okay. - However, after screwing in there was only 400 psi increase in the pump pressure, suspect the box on top of the drillcollar @ 2374' is cut from the washover attempt. Backed off in 4½" drillpipe @ 2338'. Will use 1 jt of 4½" drillpipe left in the hole to guide washover pipe onto 6½" drillcollar. Pulling pipe out of hole. Mud wt 8.6, Visc 53, W.L. 3.8.
- 5-3-85 Ran 4 jts of washpipe, bumper sub, jars, 12 drillcollars, and drillpipe to top of fish @ 2338'. Went over fish and washed to top of drillcollars @ 2374'. Milled on wash over shoe 4 hours. Pulled out of the hole and changed shoe on washpipe. Tripped back in the hole with washpipe and milled 1½ hours and milled through washover shoe. Washed over drillcollars to 2400' in 5 hours. Tripped out of hole for new washpipe shoe. Tripped back in the hole with wash over pipe. Washed over to 2410'. Mud wt 8.6, Visc 54, W.L. 5.0.
- 5-4-85 Washed over drillcollars to 2463.57 @ 9:15 a.m. Final washover rate of 2.4 min/foot. Pulled out of the hole with washpipe and shoe. Trip in hole with screw in sub, bumper sub, and jars. Screwed in to top of fish @ 2338'. Tripped 1-7/8" mill on 1½" HSL drillpipe (Homco slim line) to 2303' (67 feet above fill). Tried to circulate, but bit was plugged. Tried to reverse circulate but couldn't. Tripped 1½" HSL out of hole. Found 3 joints of small drillpipe plugged with LCM. Cleaned out or replaced these joints. Trip in hole with bit and 1½" HSL drillpipe. Tagged fill inside collars @ 2415'. Cleaned out fill to 2964'. Left 4 feet of fill on top of bit. Trip 1½" HSL drillpipe out of hole. Rig up wireline for freepoint. Mud wt 8.7, Visc 57, W.L. 4.0.
- 5-5-85 Ran freepoint tool. Found collar from 2437 to 2468 partially stuck (washed over to 2464'). Ran backoff tool and backed off @ 2437'. Tripped drillpipe out of hole. Recovered 2 collars and 1 jt drillpipe above collars. First collar was very mangled. Lucky to recover. Ran 6 jts of washpipe, bumper sub, jars, 12 drillcollars, and drillpipe to top of fish @ 2437'. Went over fish and started washing @ 2435'. Washed over collars @ 4 min/foot. Lost circulation @ 2564. Lost 20 bbls of mud. Trip drillpipe, collars, bumper sub, jars, and washpipe out of hole. Trip in hole with screw in sub, 2 bumper subs, jars, accelerator, 12 drillcollars, and drillpipe. Pump 75 bbls pill of 35% LCM @ 2339'. Regained circulation after pumping 15 bbls. Pill wasn't to the bottom of pipe yet. Circulated pill out of screw in sub and into hole. Tried to tag fish, fish had fallen downhole. Tagged bridge in hole @ 2563'. Circulated through bridges to top of fish @ 3120'. Fish had fallen 683'. Circulated 6 feet of fill off of fish and screwed into fish, could not circulate through but worked on fish with jars for 1½ hours pulled 120,000 over string weight. Could not get fish free. Rig up Homco Wireline to run freepoint. Mud wt 8.7, Visc 57, W.L. 4.2.
- 5-6-85 Rig up Homco Wireline to run freepoint. Found top of fill inside collars @ 3120'. This is top of fish according to wireline. Could not run a free-point, fish full of fill. Unscrewed sub in top of fish. Worked pipe.

- 5-6-85 Dragging 20,000 over string weight. Picked up kelly and circulated 3 hours. Returns bringing up a steady stream of shale 3/8" & smaller. Pulled out of hole. Laid down bumper subs and jars. Tripped in hole with 8-3/4" bit and drillcollars. Tagged fill @ 2582' (530' of fill) started washing down to top of fish. Having trouble bringing fill out of the hole. Raised the vis. to 80 and started cleaning the hole. Washed down to top of fish @ 3120. Circulated 2 hours. Pulled 10 stands. Waited 20 minutes. Ran pipe back to top of fish. Had no fill. Circulated bottoms up P.O.H. Ran in the hole with 6 jts of washpipe and tagged fill @ 2876'. 236' off bottom. Washed down with the washpipe to 2935' in 2 hours. Wash down 5', pick up off bottom and lose 5'. Pull out of the hole with washpipe. Mud wt 8.7, Visc 56, W.L. 4.2.
- 5-7-85 Trip in the hole with 8-3/4" bit and tag fill @ 3063' (55' of fill). Wash pipe would only go to 2935'. Suspect 6 jts of washpipe is too stiff to follow deviated hole. Cleaned out to fish @ 3120'. Circulated 1 hour. Started out of the hole. Pipe dragging. Worked pipe and wiped out tight spot. 11 stands off bottom pipe caught on something then released. Bit @ 2350'. Worked pipe and would set down on something and then fall. Pushed object down 3 stands and then didn't see it any more. Ran bit to top of fish. Pulled out of the hole. Run screw in sub, bumper sub, jars, accelerator and drillcollars to top of fish and screwed in. Did not have any fill. Rigged up and ran macaroni drillpipe. Cleaned out 8 bridge in top of fish. Something grabbed the pipe pretty hard three times like there might be a piece of metal. Washed down to 3624' without any problem and only hit a few bridges. Pulled out of the hole with macaroni. Ran free point tools and top of fish @ 3120' is 50% free. Drill collars 100% stuck @ 3146'. Mud wt. 8.8, Visc 83, W.L. 3.6.
- 5-8-85 Backed off top of fish @ 3116'. Pulled pretty tight. Ran collar locator to verify backoff in correct spot. Could not get collar locator past accelerator. Circulated hole for 30 minutes. Ran collar locator. Verified backoff @ 3116'. Trip drillpipe, collars, accelerator, bumper subs out of hole. Trip in hole with 4 joints of washover pipe. Tagged fill @ 3075'. 41 feet of fill. Washed over fish to 3242'. Circulated hole for 2 hours to condition hole. Tripped washpipe out of hole. Tripped in hole with screw in sub, bumper sub, jars, and accelerator. Screwed into fish @ 3116'. Jarred on fish for 1 hour @ 125,000# over string weight. Fish would not come free. Ran sinker bar on wireline to final fill inside drillstring. Could not get down past top of fish @ 3116'. Ran 1 1/4" HSL drillpipe. Clean out 8 foot bridge @ top of fish and 10 foot bridge @ 3240'. Report time: trip 1 1/4" HSL drillpipe out of hole. Mud 8.8, Visc 86, W.L. 4.0.
- 5-9-85 Tripped 1 1/4" HSL drillpipe out of hole. Rigged up Homco freepoint. Found freepoint in pipe @ 3276'. Pipe was stuck @ 3300'. Backed off drillcollars @ 3269'. Recovered 5 drillcollars. Trip in hole with 4 jts of washpipe. Tagged bridge in hole @ 2686'. Washed through bridge. Formation seemed to give up water. Washed through bridge @ 2718. Could not get through bridge @ 2753. Trip out of hole with washpipe, washer shoe torn up. Trip in hole with bit. Tagged hard spot @ 2977'. Worked bit through tight spot. Washed 220' of soft fill and bridges to top of fish @ 3269'. Circulated 2 1/2 hours to condition hole. Trip out of hole with bit. Report time: Trip in hole with 4 joints washpipe. Mud wt 8.9, Visc. 92, W.L. 4.8.

- 5-10-85 Washed to top of fish @ 3266' and washed over with washpipe to 3391'. Pulled out of the hole. Tripped in the hole with screw in sub, bumper sub, jars, accelerator and 12 drillcollars to top of fish @ 3266'. Screwed into fish. Jarred on fish for 8 hours and pulled 75'. Started pulling fish dragging 75-100,000 over string weight. Pulled 4 stands and the fish came free. Pulled out of the hole. Mud wt 8.8, Visc 90, W.L. 5.0.
- 5-11-85 Pulled out of the hole with fish and recovered 12 6½" drillcollars, bit sub, and 8-3/4" bit with all cones intact. Laid down fishing tools. Tripped in the hole with 8-3/4" bit, junk basket, 16 6½" drillcollars, 5 jts heavy wt. drillpipe and 4½" drillpipe. Washed through bridges @ 2510' and 2851'. Tagged top of fill @ 3400'. Started washing down and working on bringing mud viscosity down to 60-70 sec. range. As the viscosity lowered the hole quit cleaning up. Raised the viscosity back up to over 90 and the hole was cleaning up. Washed down to 3706' with full returns. Started drilling ahead and the bit acted like it is running on a piece of metal. Set weight on the bit, it will not torque up and will not drill off. Worked on the junk for 1 hour and 15 minutes. P.O.H. to get mill. Tripped back in the hole with 8-3/4" mill. Mud wt 8.8, Visc 97, W.L. 5.2.
- 12-85 Drilled out bridges with mill @ 1040', 1224', 1976' and 2165'. Worked through bridges. Pipe got stuck @ 2566'. Worked on pipe. Could not work free. Manually backed off pipe. Hooked up kelly. Tried to circulate, circulate without any problems. Work pipe while circulating. Pipe would not work free. Spot 75 bbls oil across stuck pipe. Work on stuck pipe for 11 hours. Rigged up NOWSCO. Pumped nitrogen @ 50 SCF/bbl while pumping mud. Could not free up pipe. Pumped 10,000 SCF nitrogen to clear bottom of drillstring. Unloaded hole with nitrogen. Worked pipe and could not free drillstring. Pumped mud in hole and regained circulation. Circulated approx. 38 bbls water to the surface. Circulate, wait on backoff truck. Mud wt 8.9, Visc 130, W.L. 5.0.
- 13-85 Circulated, wait on backoff truck. Rigged up Hamco. Looked for freepoint. Pipe stuck @ 2295, free @ 2264'. Backoff @ drillcollars @ 2257'. Trip out of hole. Recovered drillpipe and 6 drillcollars. Left 10 drillcollars, sub, and mill in the hole. Trip in hole with screw in sub, jars, 12 collars and drillpipe. Screw into fish @ 2257'. Jarred down once and jarred up once and fish came free. Worked pipe and circulated for ½ hour. Trip out of hole. Recovered all of fish. Wait on drilling jars for 10½ hours. Trip in hole with mill, collars, drilling jars and drillpipe. Mud wt 8.6, Visc 130, W.L. 4.2.
- 14-85 Washed bridges 2502' to 3706' with mill. Milled on junk 3 hours. Pulled out of hole. Recovered several large pieces of metal in junk basket. Tripped in hole with 8-3/4" bit. Worked bit past junk. Drilled to 3753' and lost circulation. Had drilling break @ 3745' which is possibly the Fruitland Coal. Still in fast drilling @ 3753' when lost circulation. Did not have returns long enough to circulate any samples up. Pulled out of the hole to 1950'. Mixed mud to build volume. Working pipe @ 1950' and hole is getting tight. Pulled out of the hole to drill collars (653') Mixed mud. Tripped in the hole and had 40' of fill. Washed down to 3753' with good returns. Drilled to 3756' and lost returns. Drilled ahead with no returns to 3773' and ran out of mud. Pulled out of the hole to top of drill collars. Started mixing mud. Mud wt 8.6, Visc 160, W.L. 5.2.

- 15-85 Finished mixing mud. Tripped in the hole. Had to work through tight spot @ 1480'. Tripped in to 3730' and hit fill. Washed out fill 3730'-3773' without returns. Drilled ahead to 3793' without returns and ran out of mud. Pulled out of hole to 653'. Mixed another pit of mud. Tripped in hole. Pipe didn't drag as bad going through tight spot @ 1480'. Tripped in to 3720' and hit fill. Washed fill from 3720'-3793' without returns and ran out of mud. Had a drilling break from 3802'-3813'. Pulled out of hole to 653'. Mixed another pit of mud. Trip in the hole to 3684' and hit fill. Washed fill 3684'-3756' with partial returns. Washed fill 3756'-3764' without returns. Washed fill 3764'-3784' with partial returns. Washed fill 3784'-3814' without returns. Drilled ahead to 3833' without returns. Hole is standing full. Pulled out of hole to 653'. Mixed pit of mud. Broke circulation and circulated @ 653' to clean up hole and get mud in hole with good properties. Tripping in ten stands and circulating hole. Working to bottom. Mud wt 8.6, Visc 72, W.L. 7.2.
- 16-85 Mixed mud. Filled hole. Full returns @ 653'. Worked 3 stands in hole to 841'. Circulated upper bridge with full returns. Low on mud. Trip to collars @ 653' and mix mud. Trip in hole. Circulate bridges from 1030'-1124'. Good circulation. Trip to 1344'. Pits gaining fluid due to waterflow. Tried to circulate. Hole took 50 bbls mud, then circulate. Tried to raise viscosity in mud. Lost circulation. Pull drillpipe to collars @ 653'. Mix full volume of mud. Trip in hole to top of fill @ 3654'. Regained circulation after approximately 30 bbls. Circulated fill very slowly out of hole to get cuttings to the surface. Circulated to 3756' and lost circulation. Circulated fill blind and partial returns to 3784'. Mixed an 85 bbl plug of salt gel. Spot salt gel plug @ 3814' (top of plug should be @ 2670'). Trip out of hole. Wait 6 hours for gel plug to set. Trip in hole to 1593'. Break circulation and circulate bottoms up, full returns. Trip in hole to 3188'. Break circulation and circulate bottoms up. Trip in hole to 3249'. Wash and work in hole. Sloughing hole conditions @ 3436' with good circulation. Mud wt 9.0, Visc 80, W.L. 9.6.
- 17-85 Washed and worked in hole from 3436'-3732. Full returns. Circulated hole clean of cuttings. Washed and reamed through loss circulation zone of 3753'-3756'. Partial returns. Washed and reamed to 3833'. Partial returns. Drilled 20 feet of hole to 3853' with partial returns. Ran out of mud. Trip out of hole to the collars. Mix mud. Trip in hole. Tag fill @ 3805' (48' of fill). Wash fill from 3805'-3853' with no returns. Drill from 3853'-3860' with no returns. Drill from 3860'-3876' with partial returns. Ran out of mud. Trip out of hole. Mix mud. Trip in the hole with open ended drillpipe. Tagged fill @ 3831'. Washed 45 feet of fill to 3876'. Saw no returns. Rigged up Halliburton. Spotted 267 ft³ (225 sx) Class B cement with 2% CaCl₂, 6½#/sx gilsonite and ½#/sx flocele. Regained circulation at first of job. Had partial to fare circulation through the remainder of job. Plug down @ 12:30 a.m. 5/17/85. Tripped drillpipe (20 stands) out of hole. Squeezed 5 bbls of cement into formation. Hole stayed full. Trip remaining drillpipe out of hole. Wait on cement 18 hours. Mud wt 8.4, Visc 68, W.L. 8.0.
- 18-85 Wait on cement. Trip in hole with 8-3/4" bit and tag top of cement @ 3279'. Wash cement stringers 3279'-3440'. Drilled cement 3440'-3560' and had to trip out of hole for a plugged bit. Trip back in hole and drilled cement 3560'-3825'. Mud wt 8.8, Visc 59, W.L. 6.8.

- 5-19-85 Drilled cement to 3876'. Drilling ahead with full returns @ 4263'. Mud wt 8.8, Visc 46, W.L. 7.2.
- 5-20-85 Drilling @ 4790'. Mud wt 9.0, Visc 46, W.L. 6.8. 2° @ 4313'.
- 5-21-85 Drilling @ 5280'. Mud wt 8.8, Visc 49, W.L. 8.0. 3/4° @ 5114'.