

NEW MEXICO

ALBUQUERQUE BASIN

Shell-West Mesa Federal 1-24A
(WC) Brinkerhoff #15
18,875' Cretaceous Test
\$ M/\$
WI - 40%
GL 5774', KB 5796'
30" csg @ 52'
20" csg @ 527'
13-3/8" csg @ 5502'
9-5/8" csg @ 15,733'

10-27-81
18,617/37//251. Status: Drilling.
Mud: (.562) 10.8 x 50 x 9

10-28-81
18,743/126//252. Status: Drilling.
Mud: (.572) 11 x 46 x 9

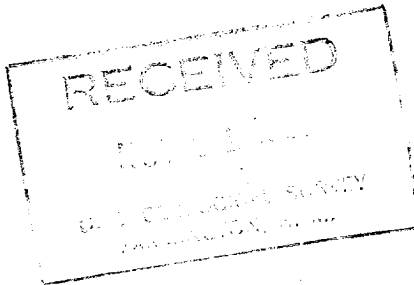
10-29-81
18,825/82//253. Status: Short trip.
Mud: (.582) 11.2 x 43 x 9.4

10-30-81
18,825/0//254. Status: Short trip.
Lost returns, mix & pump pill. Lost 340
bbls. Circ & cond. mud.
Mud: (.572) 11 x 44 x 7.4

10-31-81
18,825/0//255. Status: Rig repair.
Mud: (.572) 11 x 43

11-1-81
18,854/29//256. Status: Drilling.
Mud: (.572) 11 x 44 x 8

11-2-81
18,933/79//257. Status: Drilling.
Mud: (.577) 11 x 43 x 7.5



NEW MEXICO

ALBUQUERQUE BASIN

Shell-West Mesa Federal 1-24A 11-3-81

(WC) Brinkerhoff #15 18,975/42//158. Status: Trip out

18,875' Cretaceous Test Mud: (.577) 11 x 41 x 9.8

\$ M/\$

WI - 40% 11-4-81

GL 5774', KB 5796' 19021/46//259. Status: Drilling.

30" csg @ 52' Mud: (.580) 11.1 x 45 x 10

20" csg @ 527'

13-3/8" csg @ 5502' 11-5-81

9-5/8" csg @ 15,733' 19,136/115//260. Status: Drilling.

Mud: (.572) 11 x 41 x 12

11-6-81

19,157/21//261. Status: Tripping.

Mud: (.572) 11 x 40 x 11.6

11-7-81

19,242/85//262.. Status: Drilling.

Mud: (.572) 11 x 42 x 11.2

11-8-81

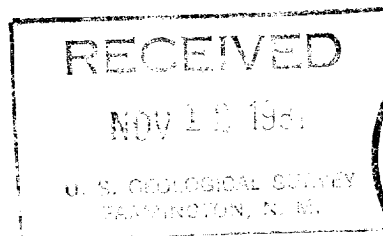
19,290/48//262. Status: Tripping for bit.

Mud: (.572) 11 x 42 x 11.2

11-9-81

19,323/33//263. Status: Drilling.

Mud: (.572) 11 x 42 x 11.2



NEW MEXICO

ALBUQUERQUE BASIN

Shell-West Mesa Federal 1-24A 10-20-81

(WC) Brinkerhoff #15 18,087/62//243. Status: Drilling.

18,875' Cretaceous Test Mud: (.551) 10.6 x 43 x 5.8

\$7111 M/\$

WI - 40%

10-21-81

GL 5774', KB 5796'

18,176/89//245. Status: Drilling.

30" csg @ 52'

Mud: (.562) 10.8 x 43 x 6.8

20" csg @ 527'

13-3/8" csg @ 5502'

10-22-81

9-5/8" csg @ 15,733'

18,186/20//246. Status: Reline brakes.

Mud: (.562) 10.8 x 43 x 8.6

10-23-81

18,218/22//247. Status: Drilling.

Mud: (.562) 10.8 x 43 x 8.6

10-24-81

18,326/108//248. Status: Drilling.

Mud: (.556) 10.7 x 44 x 7.4

10-25-81

18,485/159//249. Status; Drilling.

Dev. 18,326'. 27° N25E

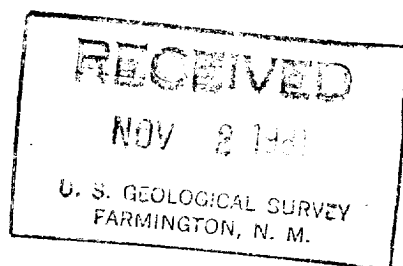
Mud: (.562) 10.8 x 45 x 6.9

10-26-81

18,580/95//250. Status: Trip.

Dev 18,539', 27° N26E

Mud: (.562) 10.8 x 46 x 7.6



NEW MEXICO

ALBUQUERQUE BASIN

Shell-West Mesa Federal 1-24A 10-13-81
(WC) Brinkerhoff #15 17,662/80//236. Status: Drilling.
18,875' Cretaceous Test Strap in hole. Repair power tongs. Wash 165'
\$ M/\$ to btm, no fill. Circ.
WI - 40% Dev. 17,524' 23° N24E
GL 5774', KB 5796' Mud: (.551) 10.6 x 48 x 9.7
30" csg @ 52'
20" csg @ 527'
13-3/8" csg @ 5502'
9-5/8" csg @ 15,733'

10-14-81
17,720/58//237. Status: POOH for bit.
Dev. 17,678' 22° N24E
Mud: (.551) 10.6 x 48 x 9.7

10-15-81
17,720/0//238. Status: TIH.
POOH. Test BOP's, rams, chokeline, choke manifold,
remote kill line, lower kelly cock, floor valve
& inside BOP. Test mud lines standpipe, kelly
valve upper kelly cock & rig kill line to 5000#.
Hydril to 2500#. Change out upper kelly cock.
Replace strip-o-matic.
Mud: (.556) 10.7 x 48 x 9.4

10-16-81
17,820/100//239. Status: Drilling.
Mud: (.551) 10.6 x 46 x 9.6

10-17-81
17,945/125//240. Status: Drilling.
Mud: (.546) 10.5 x 44 x 8.8

10-18-81
17,991/46//241. Status: Trip for bit.
Mud: (.546) 10.5 x 43 x 8.4

10-19-81
18,025/34//242. Status: Drilling.
Mud: (.546) 10.5 x 55 x 9.4

NEW MEXICO

ALBUQUERQUE BASIN

Shell-West Mesa Federal 1-24A 9-29-81

(WC) Brinkerhoff #15

18,875' Cretaceous Test

\$ M/\$

WI - 40%

GL 5774', KB 5796'

30" csg @ 52'

20" csg @ 527'

13-3/8" csg @ 5502'

9-5/8" csg @ 15,733'

17,151/38//223. Status: Press test stack.
Core 38', recovered 38'.

Mud: 10.1 x 43

9-30-81

17,187/36//224. Status: Drilling.

Mud: (.525) 10.1 x 42 x 11.6

10-1-81

17,213/26//225. Status: Tripping in.
Circ & sruvey, broke wireline. TOOH, retrieved
wireline, could not work survey instrument free.
Finally broke wireline right on top of instrument.
TOOH, survey bbl & neat shield were collapsed flat
making the tool too wide to pass thru our BHA.

Mud: (.525) 10.1 x 42 x 11.6

10-2-81

17,297/84//226. Status: Drilling.

Mud: (.536) 10.3 x 42 x 9.8

10-3-81

17,398/101//227. Status: Drilling.

Mud: (.546) 10.5 x 42 x 10.6

10-4-81

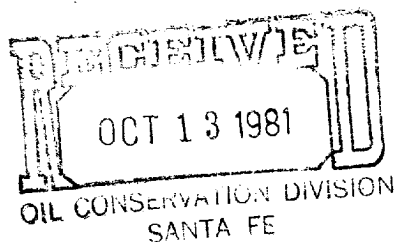
17,422/24//228. Status: TIH w/new BHA.

Mud: (.546) 10.5 x 43 x 11.5

10-5-81

17,493/71//229. Status: Drilling.

Mud: (.541) 10.4 x 49 x 10.8



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ALBUQUERQUE BASIN

Shell-West Mesa Federal 1-24A 9-15-81

(WC) Brinkerhoff #15

18,875' Cretaceous Test

\$ M/\$

WI - 40%

GL 5774', KB 5796'

30" csg @ 52'

20" csg @ 527'

13-3/8" csg @ 5502'

9-5/8" csg @ 15,733'

16,074/147//209. Status: Trip for bit.

Dev. 14,932' 9-1/4" N27E

Mud: (.478) 9.2 x 44 x 7.5

9-16-81

16,073/0//210. Status: GIH.

POOH, LD 24 jts + 18 jts "E" pipe. Pull wear
bushing. PU BHA & GIH w/bit #47 @ 16,073'.

Mud: (.478) 9.2

9-17-81

16,251/178//211. Status: Drilling.

Mud: (.489) 9.4 x 46 x 8.8

9-18-81

16,424/173//212. Status: Surveying.

Dev. 16,250' 12-3/4 N-21E

Mud: (.494) 9.5 x 43 x 9

9-19-81

16,550/126//213. Status: POOH.

Dev. 14" @ N22E @ 16,405'.

Mud: (.499) 9.5 x 42 x 9.4

9-20-81

16,680/130//214. Status: Drilling.

Mud: (.494) 9.5 x 44 x 7.8

9-21-81

16,896/216//215. Status: Drilling.

Dev. 14-1/2" N21E @ 16,535'.

Mud: (.494) 9.5 x 40 x 8.8

NEW MEXICO

ALBUQUERQUE BASIN

Shell-West Mesa Federal 1-24A 8-11-81

(WC) Brinkerhoff #15

18,875' Cretaceous Test

\$ M/\$

WI - 40%

GL 5774', KB 5796'

30" csg @ 52'

20" csg @ 527'

13-3/8" csg @ 5502'

9-5/8" csg @ 16,000'

15,874/0//174/174. Status: Trip out w/open ended DP. Trip in w/open ended DP. Repair pumps. Circ on top of packer at 15,874'. Run survey unable to get in packer. Circ on top of packer. Run survey unable to get in packer. Circ. Trip out to set another packer.
Mud: (.540) 10.4 x 49 x 10

8-12-81

15,829/0//175/174. Status: Milling window. W.O. Tools. RU Homco, set Baker DWI packer @ 15,840' Orientation surveys. Make up whipstock & orient for N 70° E & WIH. Set whipstock & milling w/starting mill.
Mud: (.540) 10.4 x 49 x 10

8-13-81

15,832/6//177/174. Status: Milling window. Milling w/satrtting mill. Circ. POOH. Replace strippper rubber. TIH. Milling window.
Mud: (.540) 10.4

8-14-81

15,834/6//178/174. Status: POOH. Drilling w/spud mill. Circ. POOH. Clean out flowline to trip tank. POOH. TIH. Mill out Window. Curc & drop totco.
Mud: (.541) 10.4 x 40 x 12.6

8-15-81

15,834/9//179/174. Status: POOH. Left 8-3/8" tapered mill, string mill and Totco wireline tool in hool. Ran grapple in wireline and attempt to pick up Totco tool with no success. Ran overshot w/grapple and attempt to work over fish. POOH.
Mud: (.541) 10.4 x 45

8-16-81

15,834/0//179/174. Status: POOH. Finish out of hole - no recovery. Trip in hole w/5-3/4 overshot dressed w/3' ext and 1-5/16" grapple. Attempt to get by top of whipstock without success. POOH.
Mud: (.541) 10.4 x 45

8-17-81

15,834/0//180/174. Status: W. O. tools. POOH w/overshot. Inspect DP, DC and subs. Test BOP w/yellow jacket. W. O. tools. Top of whipstock was 10-1/2" inside guide of overshot.
Mud: (.541) 10.4 x 45

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ALBUQUERQUE BASIN

Shell-West Mesa Federal 1-24A 8-4-81

(WC) Brinkerhoff #15

18,875' Cretaceous Test

\$5499 M/\$

WI - 40%

GL 5774', KB 5796'

30" csg @ 52'

20" csg @ 527'

13-3/8" csg @ 5502'

9-5/8" csg @ 16,000'

15,907/0//168/174. Status: PU Whipstock.

TOOH. LD 41 jts pipe. RU Homco wireline,
set Baker DWI Pkr @ 15,907'. Orient for
Whipstock.

Mud: (.566) 10.7 x 43 x 11

8-5-81

15,907/0//169/174. Status: Tripping.

Make up BHA. Trip in w/whipstock. Check BOPs.

TIH, sting into packer @ 15,906'. Milling.

TOOH w/mill, starting cut from 15,895' to 15,897'.

Mud: (.548) 10.5 x 46 x 11.5

8-6-81

15,907/0//170/174. Status: TOOH w/mill.

TOOH w/starting mill. Change BHA. TIH w/Diamond
speed mill. Mill on csg. Bottom of mill

15,902', top of window @ 15,895' Working to free

stuck pipe. Circ in an attempt to overcome
excessive circ press.

Mud: (.551) 10.5 x 45 x 11.5

8-7-81

15,907/0//171/174. Status: Pulling mill.

TOOH w/Diamond mill. Change BHA. Trip in w/
window mill. Mill on csg. Bottom of mill @ 15,905'.

Mill quit cutting, unable to get any torque.

TOOH w/window mill.

Mud: (.543) 10.4 x 44 x 9.8

8-8-81

15,907/0//172/174. Status: Trip out w/speed mill.

TOOH w/mill. Change out BHA. Trip in w/speed mill.

Milled one foot 15,905' to 15,906', lost torque
& quit cutting. Mixed & pumped down pill.

Mud: (.551) 10.6 x 45 x 10

8-9-81

15,907/0//173/174. Status: Cutting drilling line.

TOOH w/window mill. Change bottom hole assembly.

TIH w/tapered mill. Milling. Circ.

Lay down 51 jts 20# X95 DP. Trip out w/tapered

Mill. Mill wear indicated having been riding on Lodge
of Whipstick, unable to kick off.

Mud: (.540) 10.5 x 45 x 10

8-10-81

15,874/0//173/174. Status: Trip in open ended.

W. O. Tools. Unload & make up tools. Run &

set 9-5/8" DWI packer on wireline @ 15,874' by

Homco. Attempted run survey, unable to get survey

Trip in w/DP & DC to circ off top of pkr.

Mud: (.556) 10.7 x 50 x 10