

Box 1980, Hobbs, NM 88241-1980
District II
Box 2084, Santa Fe, NM 87504-2088

STATE OF NEW MEXICO
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Revised February 10, 1994
Instructions on back
submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: J&G Enterprise Ltd., Co. PO Box 100 Artesia, NM 88210		UGRID Number 011830
Property Code 17383	Property Name Mallard Alves	Well No. 1

7 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	6	20S	36E		660	South	990	East	Lea

8 Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	6	20S	36E		660	South	990	East	Lea

9 Proposed Pool 1					10 Proposed Pool 2				
North Osudo Morrow									

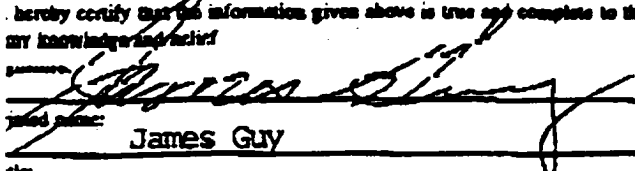
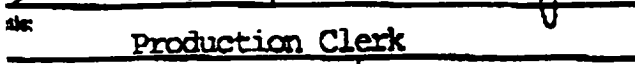
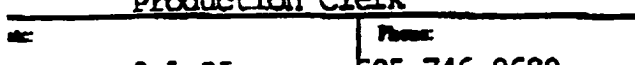
11 Work Type Code	12 Well Type Code	13 Cable/Rotary	14 Lease Type Code	15 Ground Level Elevation
Re-entry	Single Gas Comp	Rotary-Reverse Rig	P	3635
16 Multiple	17 Proposed Depth	18 Formation	19 Contractor	20 Spud Date
No	12,385	Morrow	El Toro	8-24-95

21 Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17"	13-3/8	54.5	450	370	circ
14-1/4	9-5/8	36#-40.5	5220	840	circ
8-3/4	7"	26#	11345	750	5750
6-1/4	4-1/2	11.6#	10985 to 12396	350	circ

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Re-enter Mallard Alves #1 well: Drill plugs out of 9-5/8" w/8-3/4" bit to 5220'. Continue to clean out open hole to 5700' on top of 7". Clean hole out, run 750' of 7" to tie back into 7" & run up inside 9-5/8" & hand 7" w/casinghanger.
2. Drill out 7" to 10,985' to top of 4-1/2" casing.
3. Drill out 4-1/2" from 10,985' to 12,396'.
4. Install necessary wellheads.
5. Treat Morrow perf & attempt to bring well back on.
6. Work to begin on approx. 8-15-95.

Approval for Re-Entry only -- CANNOT produce until Non-Standard Proration & Location is approved.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: ORIGINAL COPY BY JERRY SEXTON	
Name: James Guy		Title:	
Signature: 		Approval Date: AUG 18 1995	
Signature: 		Expiration Date:	
Signature: 		Conditions of Approval:	
Phone: 8-1-95 605-746-9680		Attached ☐	

10 SX PLUG @ SURFACE

60 SX CEMENT
PLUG 500' to 350'

13 7/8" @ 1101' W / 370 SXS

45 SX PLUG FROM
5270' to 5170'

9 5/8" @ 5220' W / 840 SXS
(9 5/8" LEFT IN HOLE)

500' ± OPEN HOLE

36 SX PLUG FROM
5750' to 5650'

SHOT 7" @ 5700' PULLED 176 JTS

(60000#)
(BAKER MODEL "F" PULPER @ 10,939'
" " " " @ 10,945'
4 1/2" LINER @ 10,985'

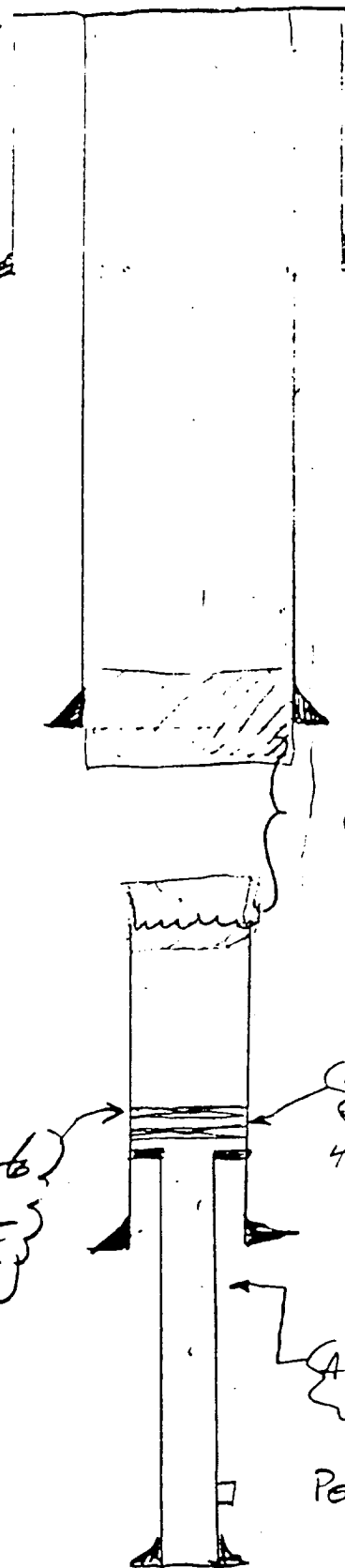
(WC DOL FROM 10,830' to
10,900' - SHOULD HAVE
CEMENT BEHIND PIPE)

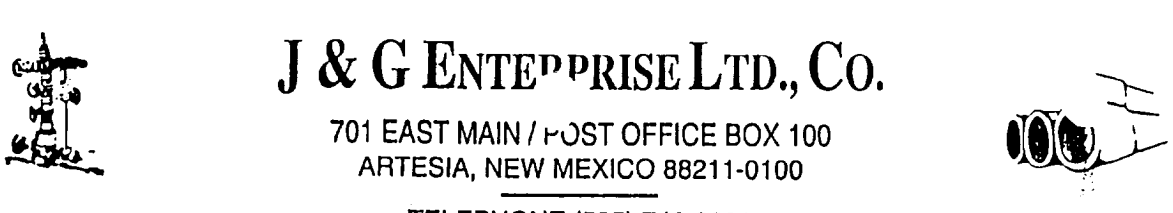
7" @ 11,345' W / 750 SXS

(ATOKA ZONE 11,550' to 11,590'
DST)

SQZ W / 100 SXS - PERFS

PERFS 12,100' to 258' (.884 RCF)
(37 MBO)
4 1/2" LINER FROM 10,985' to
12,396' W / 350 SXS
(LINER LEFT IN HOLE)
PERF 2 skts post. Natural
fracture





J & G ENTERPRISE LTD., Co.

701 EAST MAIN / POST OFFICE BOX 100
ARTESIA, NEW MEXICO 88211-0100

TELEPHONE (505) 746-9680
FAX (505) 746-9021

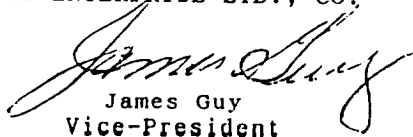
May 19, 1995

J&G Enterprise Ltd., Co.'s proposed procedure for re-entering the Alves #1 well located in the SE/4 of Section 6, T20S-R36E, Lea County, New Mexico:

1. Prepare location & roads to accommodate pulling unit & reverse rig.
2. Remove dry hole marker & install 9-5/8" S.O.W. x 11" 3000# flanged casing head.
3. Pick up drill collars, tubing, bit sub & 8-3/4" bit. Clean out well to top of 7" which is cut off at approximately 5700'.
4. POH & go back in hole with 4-1/4" collars and 6-1/8" bit, attempt to get inside of 7" casing. If able to get inside 7", we will go down to 6000'.
5. POH & pick up 10' of 8-5/8" casing, weld 8-5/8" x 7" swage to bottom of 7" casing. Will run 8-5/8" x 10' piece of casing & go over 7". Will pick pipe about 2" off of 7" looking up & cement 7" which will run back up inside 9-5/8" about 200'. POH with drill collars & tubing. Shut down for the night while cement sets up.
6. Go back in hole with 6-1/8" bit, drill collars & tubing. Clean out 7" casing to cement retainer at 10,900'. Drill cement retainer with mill tooth bit. Come out of hole.
7. Pick up cluster-rite mill 2 Baker Perma set packers & recover same.
8. Clean up on top with 3-3/4" bit & clean out inside of liner to 12,275'.
9. POH. Go in with packer (size?), check Morrow perfs. Re-perf & acidize if required. Place well in production status if commercial. If not, we will plug back to Atoka, perf & stimulate & test volume & pressure. If not commercial, plug back to Wolfcamp perf & stimulate. If not commercial, P&A.

Sincerely,

J&G ENTERPRISE LTD., CO.


James Guy
Vice-President

REENTRY, ALV