# Submit 3 copies to Appropriate District Office

#### State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

20. Box 1980, Hobbs: NM 88240 Santa Fe, New Mexico 87505-6429 Sinta GUIDANNE DD, Artesia, NM 8210 Santa Fe, New Mexico 87505-6429 Sinta GUIDANNE NDTICES AND REPORTS ON WELLS SUNDRY NOTICES AND REPORTS ON WELLS SUNDRY NOTICES AND REPORTS ON WELLS SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO ORILL OR TO DEEPEN OR PLUG BACK TO DEFERENT RESERVOR. USE "SEPPICATION FOR PERM WATER MOORE COM WELL	District Office	Chergy, minerals and Natural N	esources Department	Revised 1-1-89
20.0 Box 1960, Hobbs, NM 98240 Santa Fe, New Mexico 87505-6429 Single of Large State	<u>DISTRICT I</u>	OIL CONSERVATION	ON DIVISION	WELL API NO.
Sanda Fe, New Mexico 87005-0429  Since 07/264 Lesses No. 1100 Not use This profile No. 87410  ODD No. 87410  O	P.O. Box 1980, Hobbs, NM 88240	2040 S. Pach	eco	
DO NOT USE THIS FORM FOR PROPOSALS TO DRILLO AT TO GERPEN OF PLUS BACK TO DIFFERENT RESERVOR. USE "APPLICATION FOR PERMI (FORM FOR PROPOSALS TO DRILLO AT TO GERPEN OF PERMI (FORM FOR PROPOSALS TO DRILLO AT TO GERPEN OF PERMI (FORM FOR PROPOSALS TO DRILLO AT TO GERPEN OF PERMI (FORM FOR PROPOSALS TO DRILLO AT TO GERPEN OF PERMI (FORM FOR PERMI (FORM FOR PERMI (FORM FOR PERMI) (FORM FOR PERMI (FORM FOR PERMI) (FORM FOR PERMI (FORM FOR PERMI) (FO		Santa Fe New Mexico		
Continue to the property   Continue to the property   Continue to the property   Continue to the proposal of the proposal o				STATE Y FEE _
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DESPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI PLOY BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI PLOY BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI PLOY BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI PLOY BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI PLOY BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI PLOY BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI PLOY BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI PLOY BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI PLOY BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI PLOY BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT PLOY BACK TO				
Well   Well   Well   OTHER	SUNDRY NOT (DO NOT USE THIS FORM FOR PRO DIFFERENT RESE	PPOSALS TO DRILL OR TO DEEPE RVOIR. USE "APPLICATION FOR	N OR PLUG BACK TO	7. Lease Name or Unit Agreement Name
FOUR STAR OIL AND GAS COMPANY  Address of Operator  3000 N Butler Ave., Suite 100 Farmington NM 87401  9. Pool Name or Wildcall BLANCO MESAVERDE (PRORATED GAS)  Unit Letter P : 730 Feet From The SQUTH Line and 790 Feet From The EAST Line  Section 16 Township, T31N Range R09W NMPM SAN JUAN COUNTY  10. Elevation (Show whether DF, RKB, RT, GR, etc.)  1. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  PERFORM REMEINAL WORK PLUS AND ABANDON REMEDIATE OF NATIONAL WORK ALTERING CASING COMMENCE ORILLING OF ERATOR PLUG AND ABANDON CHANGE PLANS  CASING TEST AND CEMENT JOB PLUG AND ABANDON CHANGE PLANS  CASING TEST AND CEMENT JOB PLUG AND ABANDON CHANGE PLANS  12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.  FOUR STAR OIL & GAS COMPANY REQUESTS APPROVAL ON THE FOLLOWING:  WE PROPOSE TO ADD ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLSORE DIAGRAM.  12. Describe Proposed to ADD ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLSORE DIAGRAM.  13. DESCRIPTION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLSORE DIAGRAM.  14. DESCRIPTION OF THE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLSORE DIAGRAM.  15. DESCRIPTION OF THE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLSORE DIAGRAM.  15. DESCRIPTION OF THE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLSORE DIAGRAM.  15. DESCRIPTION OF THE POOL OF THE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE THE POOL OF THE POOL				
SOUN SUBSEQUENT REPORT OF:    Section   16	2. Name of Operator FOUR STAR	OIL AND GAS COMPANY		8. Well No.
Unit Letter P 790 Feet From The SOUTH Line and 790 Feet From The EAST Line Section 16 Township T21N Range R09W NMPM SAN JUAN COUNTY  10 Elevation (Show whether DF, RKB, RT,GR, etc.)  1 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK P PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPERATOR ALTERING CASING TOWNSHIP AND COUNTY SEE RULE 1103.  PULL OR ALTER CASING OTHER:  12 Describe Proposed or Completed Operations (Clearly state all portinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.  FOUR STAR OIL & GAS COMPANY REQUESTS APPROVAL ON THE FOLLOWING:  WE PROPOSE TO ADD ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  INVESTIGATION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  INVESTIGATION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  INVESTIGATION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  INVESTIGATION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  INVESTIGATION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  INVESTIGATION OF THE SUBJECT WELL THE ATTACHED WELLBORE DIAGRAM.  INVESTIGATION OF THE SUBJECT WELL THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE FOR THE SUBJECT WELL THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE FOR THE SUBJECT WELL BE UTILIZED. PLEASE FOR THE SUBJECT WELL BE	3. Address of Operator 3300 N. Butle	er Ave., Suite 100 Farmington	NM 87401	
Section 16 Township T31N Range R09W NMPM SANJUAN COUNTY  10. Elevation (Show whether DF, RKB, RT,GR, etc.)  1. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK PLUG AND ABANDON SUBSEQUENT REPORT OF:  PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPERATOR PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPERATOR PLUG AND ABANDON CASING TEST AND CEMENT JOB OTHER:  12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.  FOUR STAR OIL & GAS COMPANY REQUESTS APPROVAL ON THE FOLLOWING:  WE PROPOSE TO ADD ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL. THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL THE ATTACHED WELL BORD DIAGRAM.  PLOT OF THE SUBJECT WELL THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL THE ATTACHED WELLBORE DIAGRAM.  PLOT OF THE SUBJECT WELL THE ATTA	4. Well Location			
10. Elevation (Show whether DF, RKB, RT,GR, etc.)  1. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK  PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPERATO COMMENCE DRILLING C	Unit Letter P	790 Feet From The SOU	TH Line and 790	Feet From The <u>EAST</u> Line
1. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  SUBSEQUENT REPORT OF:  PERFORM REMEDIAL WORK  PLUG AND ABANDON  REMEDIAL WORK  ALTERING CASING  PLUG AND ABANDON  CHANGE PLANS  COMMENCE DRILLING OPERATOR PLUG AND ABANDON  PULL OR ALTER CASING  THERE  THE CASING  THE CASING TEST AND CEMENT JOB  THERE  THE CASING T	Section 16	Township T31N F	Range R09W NM	MPMSAN JUAN_COUNTY
NOTICE OF INTENTION TO:  NOTICE OF INTENTION TO:  SUBSEQUENT REPORT OF:  PERFORM REMEDIAL WORK P. PLUG AND ABANDON ALTERING CASING ALTERING CASING CASING CASING TEST AND CEMENT JOB OTHER  OTHER OTHER CASING OTHER CASING OTHER  12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.  FOUR STAR OIL & GAS COMPANY REQUESTS APPROVAL ON THE FOLLOWING:  WE PROPOSE TO ADD ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  DESCRIPTION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  DESCRIPTION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  DESCRIPTION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  DESCRIPTION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  DESCRIPTION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  DESCRIPTION OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  DESCRIPTION OF THE SUBJECT WELL ATTACHED WELL BOTH DIAGRAM OF THE SUBJECT WELL ATTACHED WELLBORE DIAGRAM.  DESCRIPTION OF THE SUBJECT WELL ATTACHED WELLBORE DIAGRAM.	41-24-24-25	10. Elevation (Show whether DF, RKB	, RT,GR, etc.)	
PERFORM REMEDIAL WORK  PLUG AND ABANDON  REMEDIAL WORK  ALTERING CASING  PLUG AND ABANDON  CHANGE PLANS  COMMENCE DRILLING OPERATIC  PLUG AND ABANDON  OTHER  OTHER	11. Check A	ppropriate Box to Indicate Nat	ture of Notice, Report,	, or Other Data
PERFORM REMEDIAL WORK  PLUG AND ABANDON  REMEDIAL WORK  ALTERING CASING  PLUG AND ABANDON  CHANGE PLANS  COMMENCE DRILLING OPERATIC  PLUG AND ABANDON  OTHER  OTHER	NOTICE OF INTENTIO	N TO:	SU	JBSEQUENT REPORT OF:
TEMPORABILY ABANDON CHANGE PLANS COMMENCE DRILLING OPERATOR PLUG AND ABANDON SET TO CASING TEST AND CEMENT JOB CHANGE PLANS OTHER:  12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.  FOUR STAR OIL & GAS COMPANY REQUESTS APPROVAL ON THE FOLLOWING:  WE PROPOSE TO ADD ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  IT I BECTO VIOLENTIAN BETTER VIOLENTIAN BE			i	
PULL OR ALTER CASING OTHER:  CASING TEST AND CEMENT JOB OTHER:  12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.  FOUR STAR OIL & GAS COMPANY REQUESTS APPROVAL ON THE FOLLOWING:  WE PROPOSE TO ADD ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  THEREST ARITHMEN HE INSURANCE AND ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE  WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  THEREST ARITHMEN HE INSURANCE AND ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE  WILL BE UTILIZED. DIAGRAM THE ATTACHED PROCEDURE  THEREST ARITHMEN AND ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE  THE START OF THE ATTACHED PROCEDURE  THE START OF THE SUBJECT WELL AND ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE  THE START OF THE START OF THE ATTACHED PROCEDURE  THE START OF THE START OF THE ATTACHED PROCEDURE  THE START OF THE START OF THE ATTACHED PROCEDURE  THE START OF THE START OF THE ATTACHED PROCEDURE  THE START OF THE START OF THE ATTACHED PROCEDURE  THE START OF THE START OF THE ATTACHED PROCEDURE  THE START OF THE S			1	
OTHER:    Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.  FOUR STAR OIL & GAS COMPANY REQUESTS APPROVAL ON THE FOLLOWING:  WE PROPOSE TO ADD ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.    DEC   DE	<del></del>			
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.  FOUR STAR OIL & GAS COMPANY REQUESTS APPROVAL ON THE FOLLOWING:  WE PROPOSE TO ADD ADDITIONAL PERFS IN THE BLANCO MESA VERDE POOL OF THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE UTILIZED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.  DIE GONO DIV.  JUNE 38  Inverso, carry that the internation above is that and congruent of the toest of my cross edge and based.  SIGNATURE  TYPE OR PRINT NAME  Alleri Davis  Teleschore No. 325-4397	_	<u> </u>		
Thereby certify that the information above is true and complete left the best of my knowledge and belief.  SIGNATURE  TITLE Operating Unit Manager  TYPE OR PRINT NAME  Allen Davis  Telephone No. 325-4397  (This space for State Use)	WE PROPOSE TO ADD ADDITIONAL F	PERFS IN THE BLANCO MESA VEF	RDE POOL OF THE SUBJ	RECEIVED  MAR - 9 1958  DIL GOR. DIV.
APPROVED DEFUTY TO SEAS INSPECTING DIST 42 MAR 1 2 1998	SIGNATURE  TYPE OR PRINT NAME All	TITLE Oper	rating Unit Manager	DATE 2/27/98
- Bark - TAN DE DE DE DE CONSTRUER TAN ELLE CONTROL DE CONTROL CONTR		OEFUTY THE GAT	S DESPECTOR, DIST #3	DATE MAR 1 2 1998

CONDITIONS OF APPROVAL, IF ANY:

### Workover Procedure

#### NMOCO

- 1. Insure that a PLM Sundry has been approved and any stipulations of approval are adhered to. Inspect and repair rig dead man anchors as needed.
- 2. MIRU well service unit. NDWH. NUBOP.
- 3. Retrieve plungers. Kill well with 2% Kcl water. Pull ER VI Packer set at 3321' lay down 2-3/8" and 1-1/2" tubing.
- 4. RU wireline. RIH with 5-1/2" RBP and set at 4785' (just above top of 3-1/2" liner). Dump 2 sacks of sand on top of RBP. Perforate the following Lewis (Cliff House transition and Otero) intervals with 2 JSPF, Schlumberger 4" HEGS: 4266', 4278', 4287', 4298', 4301', 4312', 4316', 4320', 4405', 4441', 4467', 4604', 4671', 4677', 4698', 4702', 4706', 4714', 4722', 4737', 4746', 4750', 4755', 4769'. 24' Net / 503' Gross, 48 holes.
- 5. RIH with 5-1/2" packer on 3-1/2", N-80 workstring. Set packer on top of RBP and test to 3,400 psig. Spot 600 gallons 15% HCl across perforations 4266'- 4769'. Raise packer up hole and set at 4166'.
- 6. RU Dowell frac equipment and ProTechnics for RA tagging. Monitor backside pressure (Pictured Cliffs). Fracture stimulate Lewis perfs down 3-1/2" workstring with 5,000 gallons of WF130, 45,000 gallons of 70 quality foamed WF130 and 150,000 lbs of 20/40 Arizona sand at 30-40 BPM (3,400 psi max. surf. pressure) as follows:

5,000	WF130	0.00 pre pad
10,000	WF130 70Q FO	0.00 pad
2,000	WF130 70Q FO	2.00 ppg 20/40
6,000	WF130 70Q FO	3.00 ppg 20/40
12,000	WF130 70Q FO	4.00 ppg 20/40
10,000	WF130 70Q FO	5.00 ppg 20/40
5,000	WF130 70Q FO	6.00 ppg 20/40
1,600	2% KCl	Flush

ProTechnics will tag the sand with 3 solid zero wash isotopes: Iridium 192, Scandium 46 and Antimony SB124.

Fracture half length = 236 ft, average conductivity = 1,338 md. ft.

If Nolte plot net pressure is stable, taper down rate during flush to assist tip screen-out and minimize fluid momentum at final shut down. Obtain ISIP, then begin immediate flow back at 10-15 GPM (use 5 gallon bucket to measure) in order to "force close" the fracture. Flow back at 1-2 BPM until gel has broken as per pre-job test then go wide open in order to utilize the nitrogen to help bring back load. Shut-in for the night.

- 7. Release packer, POOH and laydown 3-1-2" workstring. TIH with 2-3/8" tubing, tag for fill and then set tbg at 4517'. Swab/flow using nitogen to help recover load. RU slickline. Run 1.9" gauge ring. Run ProTechnics logging tool (1.69" O.D.) to determine the distribution of frac sand.
- 8. RIH with hydrostatic bailer and clean out sand to RBP at 4785'. RIH with retreiving tool on 2-3/8" tubing string and retrieve RBP.

- 9. TIH with production string as follows: 1-1/2" notched collar, 1-1/2" seating nipple, 64 jts (2037') 1-1/2" EUE 10 rd tbg, 5-1/2" x 2-3/8" ER VI packer, 2-3/8" seating nipple, 2-3/8" x 4' perf pup joint, 105 jts (3306') 2-3/8" EUE J-55 tbg. EOT 5364'. Set packer. Swab if necessary until flow is established
- 10. NDBOP, NUWH, RD well service unit.
- RU slickline. Run 1.9" gauge ring to seating nipple at 3320'. Run bumper spring assemble with ball and 11. seat standing valve into seating nipple at 3320'. Place well back on line as downhole PC/MV (& Lewis) commingled production. Notify EA to file subsequent sundry.

## MRR 2/24/98

	Capacities:	Burst:
2-3/8", 4.7#, J-55 tbg	0.1624 gals/ft (0.00387 Bbls/ft)	7,700  psi  (80% = 6,120  psi)
3-1/2", 9.3#, N-80 tbg	0.3652 gals/ft (0.00870 Bbls/ft)	10,160  psi  (80% = 8,128  psi)
5-1/2", 14#, K-55 csg	1.0094 gals/ft (0.0240 Bbls/ft)	4,270 psi (80% = 3,416 psi)
5-1/2", 15.5#, K-55 csg	0.9996 gals/ft (0.0238 Bbls/ft)	4,810 psi (80% = 3,848 psi)
3-1/2". 9.2#, J-55 FJ	0.3652 gals/ft (0.0087 Bbls/ft)	6,980 psi (80% = 5,584 psi)



## WAYNE MOORE COM No. 1-A

Current DHC Completion w/ Proposed Lewis Perfs

### API# 30 045 23978 LOCATION: 8-5/8", 24#, K-55 CSG 790' FSL & 790' FEL Set @ 305' in 11" Hole w/ 130 SXS CMT SE/SE, Sec. 16, T31N, R09W CMT Circ. San Juan County ELEVATION: 6319' KB 5-1/2", 14 & 15.5# CSG Set @ 5108' in 7-7/8" Hole SPUD DATE: 2/07/80 w/ 845 SXS CMT COMPL. DATE: 4/14/80 CMT Circ. **FORMATION TOPS:** Pictured Cliffs 3103' Huerfanito Bentonite 3442' Cliff House 4982' Menefee 5066 Pt. Lookout 5355' Mancos 5754' 105 jts 2-3/8" TBG **Pictured Cliffs Perfs:** 2-3/8" x 4" perf. pup jt Standing valve, (ball & seat) 3174'-98', 3201', 3204', set in seating nipple at 3320' 3208'-66', 3273', 3277', ER VI Packer set @ 3321' 3298'-3300' (2 JSPF) DV Tool @ 3324' (May 1991) **Proposed Lewis Perfs:** 4266', 4278', 4287', 4298', 4301', 4312', 4316', 4320', 4405', 4441', 4467', 4604', 4671', 4677', 4698', 4702', 4706', 4714', 4722', 4737', 4746', 4750', 4769'. Top of Liner @ 4793' (2 JSPF) Mesa Verde Perfs: 4990'-5060', 5108', 5170', 5176', 5180', 1-1/2" TBG Set @ 5364" 5246', 5266', 5290', 5369', 5373', 5378', 5386', 5395', 5402', 5408', 5417', 5445', 5454', 5458', 5463', 5480', 5497', 5514', 5534', 5565', 5572', 5590', 5619', 5630', 5703', 5738' 3-1/2", 9.2# Liner (1 JSPF) Set @ 4703'-5901' in 4-3/4" Hole w/ 93 SXS CMT

PBTD 5755' TD 5903'