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Hobbs, NM 88241-1930
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Revised (6/99)

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

RECEIVED
DEC - 6 1999
OIL CONSERVATION DIVISION
DISTRICT 3

I. Operator and Well

Operator name & address FOUR STAR OIL AND GAS 3300 NORTH BUTLER SUITE 100 FARMINGTON, NM 87401							OGRID Number 131994	
Contact Party RACHED HINDI - SENIOR ENGINEER							Phone 505-325-4397	
Property Name JOHN CHARLES					Well Number 6A		API Number 3004522650	
UL I	Section 13	Township T27N	Range R09W	Feet From The 1850'	North/South Line SOUTH	Feet From The 843'	East/West Line EAST	County SAN JUAN

II. Workover

Date Workover Commenced: 4/5/99	Previous Producing Pool(s) (Prior to Workover): CHACRAMESA-VERDE
Date Workover Completed: 4/15/99	

III. Attach a description of the Workover Procedures performed to increase production.

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of New Mexico)
) ss.
County of San Juan)
Rached Hindi, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Rached Hindi Title Senior Engineer Date 10/28/99
SUBSCRIBED AND SWORN TO before me this 28th day of October, 1999.

Jami Lucero
Notary Public

My Commission expires: 10-18-2000

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

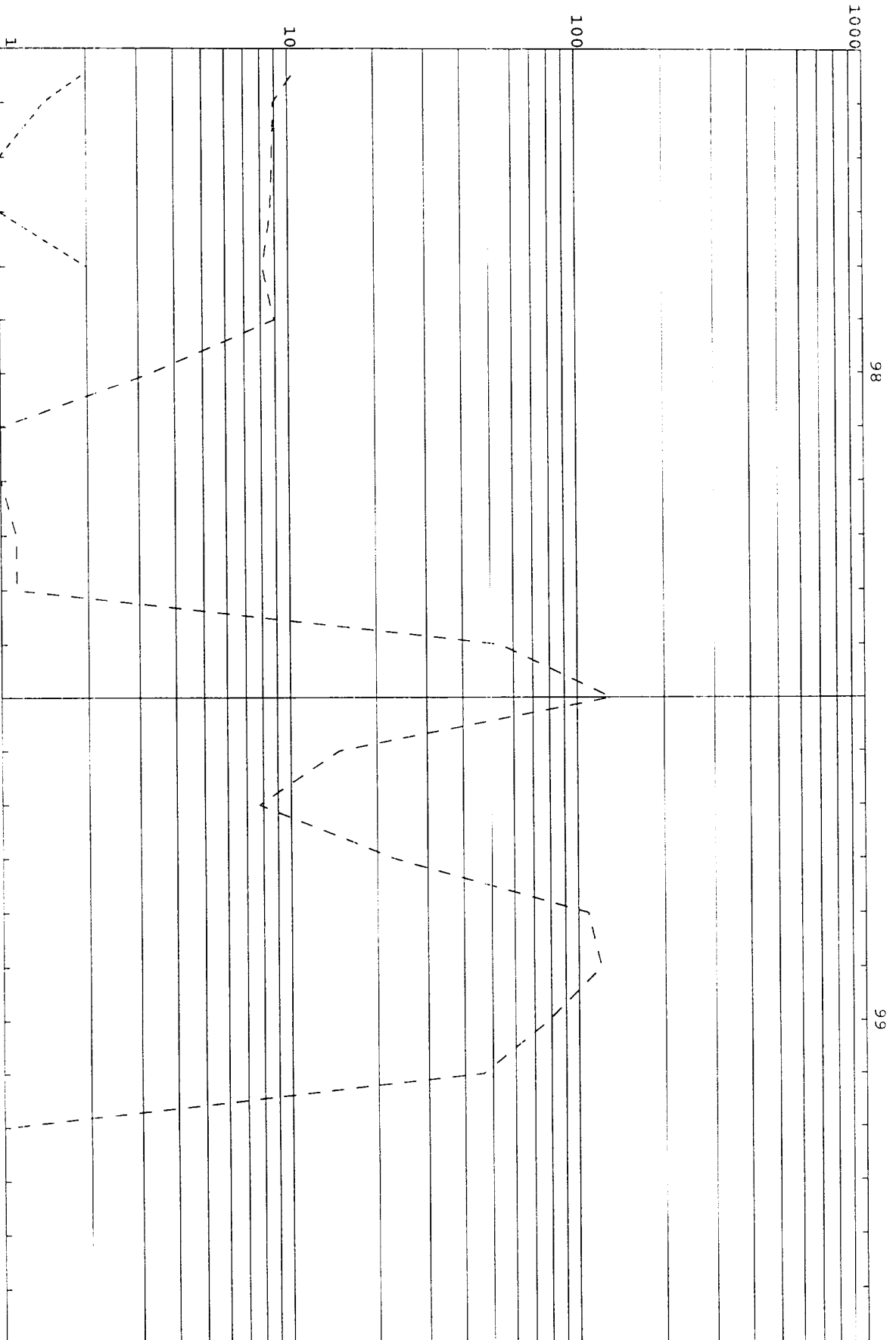
This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 4/15/99.

Signature District Supervisor <u>SSS</u>	OCD District <u>3</u>	Date <u>12/21/99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

LEASE NAME: CHARLES, JOHN
TEA WELL NO: 6A
CURR_LSE_NO: 017692

RSVR: CHACRA/MV
REC_FLD: 92329



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Four Star Oil and Gas has increased production on the John Charles 6-A well. The Chacra and Mesa Verde zones we're commingled to enhance production.

WORKOVER PROGRESS AND SUMMARY REPORT

19-Oct-99

Operator: FSOG Lease Name Well No.: JOHN CHARLES 6A

Field: CEACRA / MESA VERDE County:

PURPOSE: COMINGLE/ACIDIZE Comm. Date: 04/05/1999

TD: 4470' PBTD: 4452' Perfs. or OH: Top: 2917' Bottom: 4426'

Surf. Csg.: 9-5/8" 32.3# #/FT @ 302' TOC @ CIRC. Est. No.: 6909-0004

Int. Csg. : #/FT @ TOC @ Cash:

Prod. Csg.: #/FT @ TOC @ MOH:

Liner: 4-1/2" 11.6# @ 4436' TOC @ 225 SK

PREPARED BY: RANDALL PARKER APPROVED BY: JIM YATES

FINAL REPORT

Test @ Completion: Date: Status: BO BW CFD

PI Grav. : Ck: TP: MP Dia. : SPM/LS:

ESP DATA: Perfs. or OH: to:

FINAL FIELD:

Test Prior : Status BO BW MCFD Ck TP

O31 Status Change : From WO to

WORK PERFORMED

4/05/99

MIRU KEY RIG #3. ND WELLHEAD. NU BOP. POOH W/ SHORT STRING AS FOLLOWS: 69 JTS. 2-1/16" IJ TBG.(2193'), AND LD ON FLOAT, 40 JTS. 1" PIPE(800'), AND LD ON GROUND. SION. D-\$3500, T-\$3500, DAY-1.

4/06/99

NO PRESSURE ON WELL. RELEASE PACKER. POOH WITH LONG STRING AS FOLLOWS: 98 JTS. 2-1/16" IJ TBG.(3139'), AND LD ON FLOAT, 4-1/2" PACKER, AND 39 JTS. 2-1/16" IJ TBG.(1249'), AND LD ON GROUND. SION. D-\$3500, T-\$7000, DAY-2.

4/07/99

NO PRESSURE ON WELL. PU 2-3/8" EUE J-55 TBG. AND TIH W/ 2-3/8" KNOTCH COLLAR. TAGGED FILL @ 4400'. TOO H. PU 2-3/8" SAND BAILER AND TIH W/ 2-3/8" TBG. CLEAN OUT TO P.B.T.D.(4452'). TOO H AND LD SAND BAILER. PU 4-1/2" CASING SCRAPER AND TIH W/ 2-3/8" TO P.B.T.D.(4452'). TOO H AND LD CASING SCRAPER. SION. D-\$3500, T-\$10,500, DAY-3.

4/08/99

TIH WITH STRADDLE PACKER ON 2-3/8" TBG. WITH FLOW CONTROL VALVE PACKER 38' APART. SET PACKER @ 4375'. RU DOWELL. FILL TBG. WITH 3% KCL WATER. DISPLACE WATER OUT OF TBG. BY PUMPING 17 BBLs. OF 15% NE, INH, HCL WITH CLAY STAB, SCALE INH, SURF, CHELATING AGENT AND IRON STABILIZER. ACIDIZE THE MESA VERDE AS FOLLOWS: 4342'-54', 4360'-79' W/ 1000 GALLONS @ 8 BPM @ 2600#, 4302'-33' W/ 1000 GALLONS @ 8 BPM @ 2600#, 4283'-97' W/ 600 GALLONS @ 8 BPM @ 2347#, 4180'; 4186' W/ 200 GALLONS @ 6 BPM @ 1965#, 4150'; 4159' W/ 200 GALLONS @ 5 BPM @ 1600#, 4080'; 4085' W/ 200 GALLONS @ 2.4 BPM @ 2800#, 3990'; 3998' W/ 200 GALLONS @ 4 BPM @ 2250#, 3932'; 3942' W/ 200 GALLONS @ 5 BPM @ 447#, 3802'; 3812' W/ 200 GALLONS @ 8 BPM @ 800#., 3700'; 3710' W/ 200 GALLONS @ 4 BPM @ 600#. RD DOWELL. TOO H AND LD PACKER. TIH WITH PRODUCTION STRING AS FOLLOWS: 2-3/8" K.C., 2-3/8" SEATING NIPPLE, 138 JTS. 2-3/8" EUE J-55 TBG(4375'). EOT IS 4388'. ND BOP. NU WELLHEAD. RU SWAB LINE AND STARTED SWABBING. STARTING FLUID LEVEL 3000'. END OF DAY FLUID LEVEL 3800'. CSG. PRESSURE 200#. SWABBED BACK 60 BBLs. SION. D-\$10,500, T-\$21,000, DAY-4.

4/09/99

TBG. PRESSURE 40#, CSG. PRESSURE 240#. BLED DOWN. STARTING FLUID LEVEL 3400'. END OF DAY FLUID LEVEL 3900'. END OF DAY TBG. PRESSURE SMALL BLOW, CSG. PRESSURE 300#. SWABBED BACK 110 BBLs. SION. D-\$2500, T-\$23,500, DAY-5.

4/10/99

NO GAS FLOW. RIG DAY OFF.

4/11/99

NO GAS FLOW. RIG DAY OFF.

4/12/99

NO GAS FLOW. TBG. PRESSURE 40#, CSG. PRESSURE 260#. BLED DOWN. STARTING FLUID LEVEL 3600'. SWABBED BACK 20 BBLs OF WATER AND WELL KICKED OFF. LEFT WELL FLOWING TO FRAC TANK. RDMO. D-\$2500, T-\$26,000, DAY-6. FINAL REPORT.

4/13/99

FLOWED BACK 60 BBLs. WATER. TBG. PRESSURE 30#, CSG. PRESSURE 240#. LEFT

FLOWING TO FRAC TANK.

4/14/99

FLOWED BACK 20 BBLs. WATER. TBG. PRESSURE 40#, CSG. PRESSURE 210#. SHUT WELL IN.

4/15/99

TBG. PRESSURE 125#, CSG. PRESSURE 218#. MATT W/ FLINT HOOKED WELL UP TO SALES LINE.

4/16/99

WELL FLOWED 86 MCF OF GAS AND 10 BBLs. OF WATER. FINAL REPORT.



7/9/98

JOHN CHARLES No. 6A

CURRENT COMPLETION

LOCATION:

1850' FSL & 840' FEL
NE/SE, Sec. 13, T27N, R9W
San Juan County

ELEVATION:

5988' DF
5976' GR

SPUD DATE:**FORMATION TOPS:**

Mesa Verde 3584'
Pt. Lookout 4214'

CHACRA PERFS:

2917'-20'	2949'-52'	3080'-84'
2925'-28'	2954'-57'	3099'-3102'
2933'-37'	2978'-88'	3112'-21'
2943'-45'	3006'-09'	

w/ 2 JSPF, 94 Holes. Total 47'

11-02-90 Acidized Chacra w/ 2500 gals 15% HCl
Frac w/ 43,000# gals Gelled water &
44,000# 20-40 Brady Sand

11-28-90 Testec for 3 Hrs at Daily rate 667 MCF
CAOF of 816 MCF

MESA VERDE PERFS:**MENELEE:**

3700, 3710, 3802, 3812, 3932, 3942, 3990,
3998', 4080', 4085', 4150', 4159', 4180', 4186'
(14 Shots) 1 SFF

11-04-77 (3700'-4186')
Acid w/ 500 gals 15% HCl
Frac w/ 80,000 gals slick water & 80000 # 20/40

11-15-90 (3700'-4426')
Acidized w/ 2500 gals 15% HCl

PT. LOOKOUT

4283'-97' (28 sh) 2 SPF	4360'-79' (38 sh) 2 SPF
4302'-33' (62 sh) 2 SPF	4382'-86' (8 sh) 2 SPF
4342'-54' (24 sh) 2 SPF	4422'-26' (8 sh) 2 SPF

1-27-77 (4283'-4426', Pt. Lookout)
Acidized w/ 500 gals 15% HCl
Frac w/ 80,000 gals slick water &
40,000# 20-40 & 30,000# 10-20 Sand

11-18-77 Tested IP @ 661 MCF (5288 MCFPD 24 hrs)

