

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
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

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

Form C-14C
Originated 11/1/97

Submit Original
Plus 2 Copies
to appropriate
District Office

H-0272

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: STEPHENS & JOHNSON OPERATING CO. OGRID #: 019958

Address: P. O. BOX 2249, WICHITA FALLS, TX 76307-2249

Contact Party: JO BUMGARDNER Phone: (817) 723-2166

II. Name of Well: WEATHERLY NO. 2 API #: 30-025-06720
Location of Well: Unit Letter D, 660 Feet from the NORTH line and 660 feet from the WEST line,
Section 21, Township 21S, Range 37E, NMPM, LEA County

III. Date Workover Procedures Commenced: 10-31-96

Date Workover Procedures were Completed: 11-15-96

IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:

BLINEBRY/DRINKARD

VII. AFFIDAVIT:

State of TEXAS)
) ss.
County of WICHITA)

BOB GILMORE, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Bob Gilmore
(Name) BOB GILMORE

PETROLEUM ENGINEER
(Title)

FEB 24 1997

SUBSCRIBED AND SWORN TO before me this 5th day of FEB, 1997

J. B. Bumpgar & Son

Notary Public

My Commission expires: _____

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 11-15-96, 1996.

Paul J. Kautz
District Supervisor, District 4 Geologist
Oil Conservation Division

Date: 3/10/97

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: _____

DISTRICT I

P.O. Box 1960, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brason Rd., Aztec, NM 87410

NEW MEXICO CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.
30-025-06720

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Weatherly Lease

8. Well No.

2

9. Pool name or Wildcat

Blinebry/Drinkard

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"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL

☒

GAS

WELL ☐

OTHER

2. Name of Operator

Stephens & Johnson Operating Co.

3. Address of Operator

P. O. Box 2249, Wichita Falls, TX 76307-2249

4. Well Location

Unit Letter D : 660 Feet From The North Line and 660 Feet From The West LineSection 21Township 21SRange 37E

NMPM

Lea

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☐OTHER: Add additional perfs in Blinebry zone & stimulate ☒

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.

10-31-96 TOH w/rods & tbg. Perforated additional Blinebry zone 5825-39, 5851-58, 5890-5900, 5908-14, 5921-24, 5928-33, 5944-48, 5963-70, 5982-89, 5992-98, 6002-06, 6010-16, 6027-30, 6035-41, 6046-53, 6066-69, 6085-88, 6100-6106, 6124-30, 6222-34, 6237-50'. Return to production.

11-11-96 TOH w/rods & tbg, run RTTS packer and bridge plug, set BP @6258' and packer @5597'. Stimulated old/new perfs 5638-6250 w/1250 gals 15% NE acid and fraced w/155,810 lbs 16/30 sand and 84,860 gals KCL water. Clean well up. POH with packer & plug. Run 2 3/8" tbg & rods. Start pumping.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE

Petroleum Engineer

DATE

1/16/97

TYPE OR PRINT NAME

Bob Gilmore

(817)

TELEPHONE NO. 723-2166

(This space for State Use)

OTHER: I SIGNED BY

APPROVED BY

TITLE

DATE

JAN 27 1997

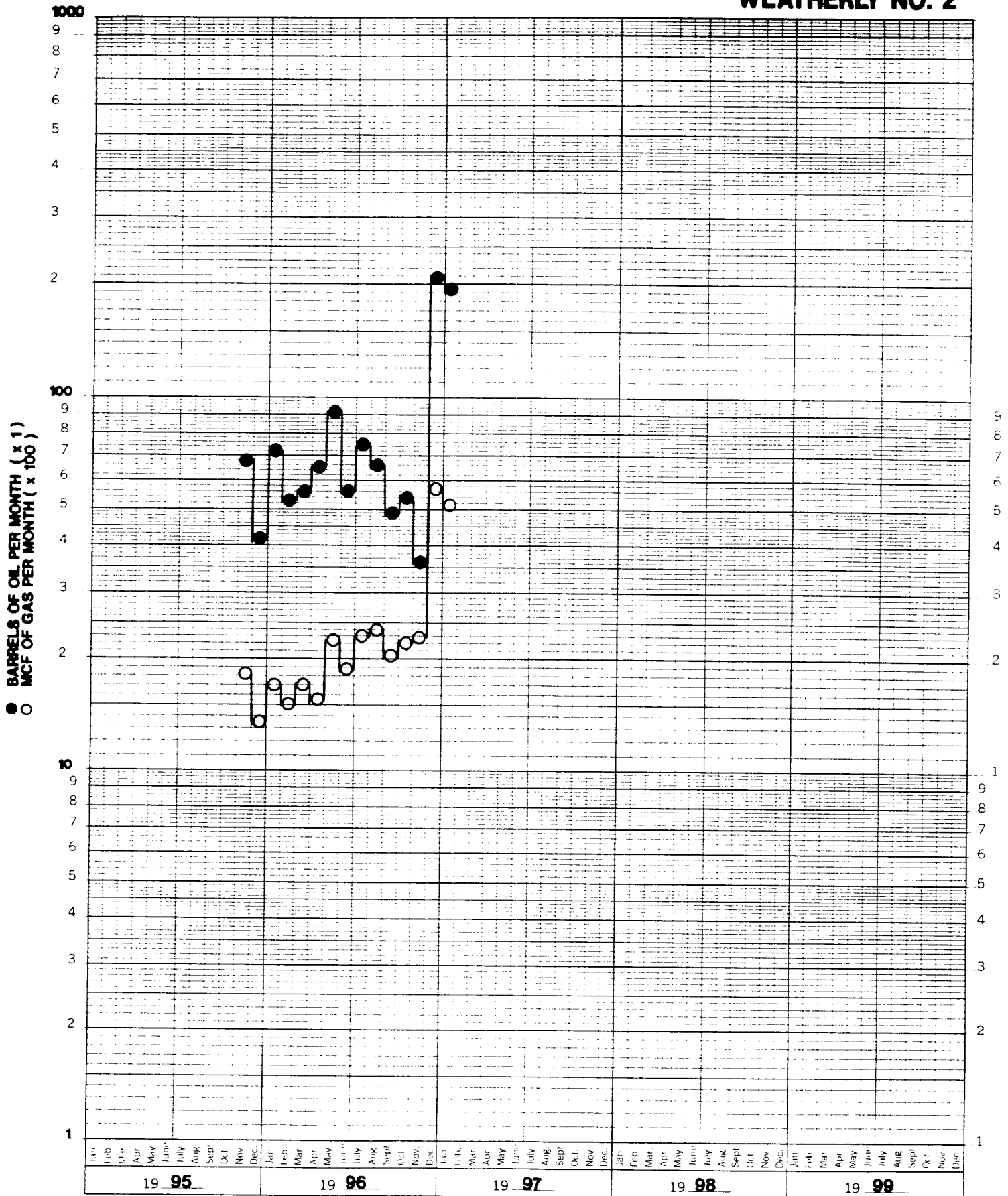
CONDITIONS OF APPROVAL, IF ANY:

(12 MONTHS BEFORE WORKOVER)

1196	23	13	36	1436	840	2276
1296	131	77	208	3650	2148	5798
0197est	123	71	194	3254	1916	5170

Weatherly lease was shut-in part of November, 1996 by the gas company while they made repairs; therefore, true increased production was not reflected until 12/96.

WEATHERLY NO. 2



H. J. GRUY & ASSOCIATES RESERVE AND EVALUATION PAC PROGRAM B2
EXPONENTIAL DECLINE ANALYSIS AND PROJECTION

RESERVOIR IDENTIFICATION = WEATHERLY NO.2

IS PRIMARY PRODUCT OIL OR GAS (O/G) = OIL

DATA

INITIAL FLOW RATE, stb or Mscf/mo = 52
FLOW RATE AT ECONOMIC LIMIT, stb or Mscf/mo = 1
FIRST YEAR OF PROJECTION (19__) = 97
MONTHS IN FIRST YEAR OF PROJECTION = 12
OPTIONAL CONSTANT (DEFAULT = 0) = .0833

A FOR RESERVE, B FOR LIFE, C FOR ANNUAL DECLINE =C

ANNUAL DECLINE RATE , percent/year = 12
PROJECTION LIFE, years = 30.91
RESERVE VOLUME TO PROJECT, stb or Mscf = 4787.482

****ANNUAL PROJECTION OF PRIMARY PRODUCT PRODUCTION****

YEAR	<i>yearly</i> PRODUCTION	CUMULATIVE	<i>Avg. Prod per month</i> PROD X K	CUM X K
----	-----	-----	-----	-----
1 1997	586	586	49	49
2 1998	515	1,101	43	92
3	454	1,555	38	130
4 ↓	399	1,954	33	163
5	351	2,305	29	192
6	309	2,614	26	218
7	272	2,886	23	240
8	239	3,126	20	260
9	211	3,337	18	278
10	185	3,522	15	293
11	163	3,685	14	307
12	144	3,829	12	319
13	126	3,955	11	329
14	111	4,066	9	339
15	98	4,164	8	347
16	86	4,250	7	354
17	76	4,326	6	360
18	67	4,392	6	366
19	59	4,451	5	371
20	52	4,503	4	375
21	45	4,548	4	379
22	40	4,588	3	382
23	35	4,623	3	385
24	31	4,654	3	388
25	27	4,682	2	390
26	24	4,706	2	392
27	21	4,727	2	394
28	19	4,745	2	395
29	16	4,762	1	397
30	14	4,776	1	398
31	12	4,787	1	399

MONTHS IN LAST YEAR = 11

YEAR	yearly PRODUCTION	CUMULATIVE	Aug /mo PROD X K	CUM X K
----	-----	-----	-----	-----
1	25,909	25,909	2,158	2,158
2	22,800	48,708	1,899	4,057
3	20,064	68,772	1,671	5,729
4	17,656	86,428	1,471	7,199
5	15,537	101,966	1,294	8,494
6	13,673	115,638	1,139	9,633
7	12,032	127,671	1,002	10,635
8	10,588	138,259	882	11,517
9	9,318	147,576	776	12,293
10	8,200	155,776	683	12,976
11	7,216	162,992	601	13,577
12	6,350	169,341	529	14,106
13	5,588	174,929	465	14,572
14	4,917	179,846	410	14,981
15	4,327	184,174	360	15,342
16	3,808	187,981	317	15,659
17	3,351	191,332	279	15,938
18	2,949	194,281	246	16,184
19	2,595	196,876	216	16,400
20	2,284	199,160	190	16,590
21	2,010	201,169	167	16,757
22	1,768	202,938	147	16,905
23	1,556	204,494	130	17,034
24	1,369	205,863	114	17,148
25	1,205	207,069	100	17,249
26	1,061	208,129	88	17,337
27	933	209,062	78	17,415
28	821	209,884	68	17,483
29	723	210,606	60	17,544
30	636	211,242	53	17,596
31	560	211,802	47	17,643
32	493	212,294	41	17,684
33	433	212,728	36	17,720
34	381	213,109	32	17,752
35	336	213,445	28	17,780
36	295	213,740	25	17,805
37	260	214,000	22	17,826
38	229	214,229	19	17,845
39	201	214,430	17	17,862
40	177	214,607	15	17,877
41	156	214,763	13	17,890
42	137	214,900	11	17,901
43	121	215,021	10	17,911
44	106	215,127	9	17,920
45	93	215,221	8	17,928
46	82	215,303	7	17,935
47	72	215,375	6	17,941
48	64	215,439	5	17,946
49	56	215,495	5	17,951
50	49	215,544	4	17,955
51	43	215,588	4	17,958

52	38	215,626	3	17,962
53	34	215,660	3	17,964
54	30	215,689	2	17,967
55	26	215,715	2	17,969
56	23	215,738	2	17,971
57	20	215,758	2	17,973
58	18	215,776	1	17,974
59	16	215,792	1	17,975
60	14	215,805	1	17,977
61	7	215,812	1	17,977

MONTHS IN LAST YEAR = 7