

Stage #1Perfs. 3390-3398' (2 JSPF)B.D.F. 2100#Acid 850 gal NEFE, 15% MCA

10/20 sand _____

20/40 sand _____

Fluid _____

Rate 3.1 BPMP.S.I. 1300#I.S.I.P. 1100#5 Min. SIP 300#10 Min. SIP -0-

Remarks _____

Stage #4Perfs. 3074-3082' (2 JSPF)B.D.F. 1800#Acid 1500 gal NEFE, 15%10/20 sand 4500#20/40 sand 15000#

Fluid _____

Rate 3.5 BPMP.S.I. 1250#I.S.I.P. 850#5 Min. SIP -0-

1 Hr. SIP _____

Remarks _____

Stage #7Perfs. 2082-2090' (2 JSPF)B.D.F. 2800#Acid 1500 gal NEFE, 15%

10/20 sand _____

20/40 sand _____

Fluid _____

Rate 4.8 BPMP.S.I. 1188#I.S.I.P. -0-

15 Min. SIP _____

1 Hr. SIP _____

Remarks _____

Stage #2Perfs. 3354-3362' (2 JSPF)B.D.F. 1200#Acid 1000 gal NEFE, 15%10/20 sand 4500#20/40 sand 15000#Fluid 20000 gal H₂ORate 17 BPMP.S.I. 2510#I.S.I.P. 1260#5 Min. SIP 1140#10 Min. SIP 1090#15 Min. SIP 1030#2 Hrs. 600#Stage #5Perfs. 2648-2658' (2 JSPF)

B.D.F. _____

Acid 1500 gal, NEFE, 15%

10/20 sand _____

20/40 sand _____

Fluid _____

Rate 3.6 BPMP.S.I. 1866#I.S.I.P. 1600#5 Min. SIP 1600#10 Min. SIP 1550#

Remarks _____

Stage #8

Perfs. _____

B.D.F. _____

Acid _____

10/20 sand _____

20/40 sand _____

Fluid _____

Rate _____

P.S.I. _____

I.S.I.P. _____

15 Min. SIP _____

1 Hr. SIP _____

Remarks _____

Stage #3Perfs. 3120-3128' (2 JSPF)B.D.F. 2400#Acid 1000 gal NEFE

10/20 Sand _____

20/40 sand 11650#Fluid 5000 gal H₂ORate 13 BPMP.S.I. 3160#I.S.I.P. 2160#5 Min. SIP 1500#10 Min. SIP 1280#15 Min. SIP 1110#2 Hrs. 500#Stage #6Perfs. 2158-2168' (2 JSPF)B.D.F. 2500#Acid 1500 gal NEFE, 15%

10/20 sand _____

20/40 sand _____

Fluid _____

Rate 4.7 BPMP.S.I. 1920#I.S.I.P. 1300#5 Min. SIP 1275#10 Min. SIP 1250#15 Min. SIP 1200#Stage #9

Perfs. _____

B.D.F. _____

Acid _____

10/20 sand _____

20/40 sand _____

Fluid _____

Rate _____

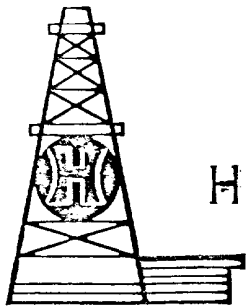
P.S.I. _____

I.S.I.P. _____

15 Min. SIP _____

1 Hr. SIP _____

Remarks _____



HANSON

OIL

CORPORATION

P.O. BOX 1515

ROSWELL, NEW MEXICO 88201

PHONE AC 505-622-7330

APR 9 1982

O. C. D.
ARTESIA OFFICE

April 8, 1982

HANSON OIL CORPORATION

Ginsberg Federal #17
Section 26, T.18S, R.30E
Eddy County, New Mexico

DEVIATION SURVEY

<u>Depth ft.</u>	<u>Deviation Degree</u>	<u>Sine of Angle x 10³</u>	<u>Vertical Displacement, ft.</u>	<u>Horizontal Displacement, ft.</u>	<u>Cum. Horizontal Displacement, ft.</u>
710	1/2	8.727	710	6.20	6.20
1560	1/2	8.727	850	7.42	13.61
1950	3/4	13.089	390	5.10	18.72
2272	3/4	13.089	322	4.21	22.93
2650	1	17.452	378	6.60	29.53
3217	1	17.452	567	9.90	39.43
3515	1-1/4	21.815	298	6.50	45.93

I hereby certify that the foregoing data is true and factual to the best of my knowledge.

HANSON OIL CORPORATION

By: Ray Willis

Ray Willis
Vice President, Land & Finance

Subscribed and sworn to before me this 8th day of April, 1982.

My Commission Expires 6/22/83

Josephine M. Chambers
Notary Public

RW/lfc